

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JANUARY TO 30TH JUNE, 1902.

January to June 1902

January to June 1902



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE

(CONTINUED).

STATIONS.	PRESSURE AT 8 A.M. Means, 1871-1900.	TEMPERATURE OF AIR, 1871-1900.								RAINFALL.		BRIGHT SUNSHINE.	
		Means of				Absolute Extremes.				Means for		Means, 1881-1900.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Date.	Minimum.	Date.	Days with Rain.	Total Fall.	Average Duration.	Per cent. of possible.
Sumburgh Head....	29.845	42.1	40.3	46.2	38.9	56	1900	21	1890	17	(Inches.)	(Hours.)	—
Stornoway.....	29.833	43.8	42.3	49.2	37.2	67	1893	20	1881	18	2.06	—	—
Malin Head.....	29.850	44.4	42.6	50.0	41.7	167*	[1900]	[31]*	[1892]	[17]*	3.51	156.7	37
Blacksod Point....	29.867	46.7	44.5	52.2	42.6	[71]*	[1893]	[29]*	[1892, 97]	[18]*	[1.80]*	—	—
Valencia.....	29.883	48.6	46.0	54.2	43.1	70	1892	30	1879, 92, 97, 98	18	3.78	163.9	40
Roche's Point.....	29.887	47.2	45.0	53.8	42.7	72	1893	31	1892	15	3.10	—	—
Parsonstown.....	29.890	45.3	43.9	54.9	38.5	73	1893	21	1892	15	2.14	151.1	36
Donaghadee.....	29.884	45.0	43.4	51.4	40.5	65	1900	29	1898	15	1.94	—	—
Liverpool.....	29.896	45.3	42.3	52.9	40.6	75	1893	29	1881	14	1.57	—	—
Holyhead.....	29.887	46.1	44.1	51.7	42.1	75	1874, 93	31	1881, 92	14	1.92	—	—
Pembroke.....	29.887	45.7	44.0	50.7	42.3	70	1893	30	1879, 81	15	1.93	179.6	44
Scilly.....	29.888	49.0	47.0	52.6	45.0	68	1893	32	1876	16	2.12	—	—
Jersey.....	29.912	49.1	46.3	54.8	43.8	84	1874	32	1871, 76, 92, 1900	14	2.01	193.8	47
Portland Bill†.....	[30.037]	[46.5]	[44.6]	[51.8]	[41.0]	—	—	—	—	[13]	[0.94]	—	—
Dungeness.....	29.894	46.5	44.3	51.6	41.3	69	1873	25	1892	13	1.37	—	—
Wick.....	29.853	43.4	41.6	49.4	37.2	69	1875, 1900	23	1892	16	1.65	—	—
Nairn.....	29.857	43.3	40.9	51.6	36.8	72	1875	21	1892	15	1.31	—	—
Aberdeen.....	29.876	43.7	40.9	49.8	38.0	74	1900	23	1881, 92	17	2.05	153.3	36
Leith.....	29.880	44.5	41.9	52.5	38.0	75	1875	23	1881	13	1.44	—	—
North Shields.....	29.888	43.8	41.7	49.7	38.5	71	1892	25	1892	14	1.64	—	—
Spurn Head.....	29.888	44.3	42.5	48.9	40.4	[67]*	[1885]	[30]*	[1881, 89]	13	1.32	—	—
Yarmouth.....	29.897	44.9	43.0	49.5	40.0	72	1885	25	1878	15	1.62	—	—
Loughborough.....	29.910	44.1	41.9	55.7	37.8	[81]*	[1893]	[23]*	[1891, 92, 1900]	14	1.69	—	—
Oxford.....	29.916	44.6	42.3	55.3	38.9	80	1893	23	1892	14	1.61	149.9	36
LONDON.....	29.911	46.3	43.3	56.6	39.9	82	1893	27	1873, 84, 87, 92, 1900	13	1.65	108.8†	27†
Sumburgh Head....	29.890	46.0	44.0	50.2	40.3	63	1895	27	1877	17	1.81	—	—
Stornoway.....	29.904	48.4	46.4	53.5	41.0	72	1882, 96	27	1876, 77	18	2.43	189.7	—
Malin Head.....	29.927	48.9	46.6	54.2	45.5	[70]*	[1895]	[35]*	[1889, 91, 97]	[16]*	[2.14]*	—	37
Blacksod Point....	29.954	51.2	48.3	55.8	46.1	[75]*	[1890]	[36]*	[1894]	[18]*	[2.81]*	—	—
Valencia.....	29.976	53.0	49.7	58.2	46.3	74	1884, 95, 97	34	1877, 85, 96	16	3.02	210.7	44
Roche's Point.....	29.975	52.0	49.2	58.6	46.4	73	1896	36	1879, 86	13	2.93	—	—
Parsonstown.....	29.972	51.0	47.9	59.8	42.8	77	1881, 95	28	1874, 77	15	2.27	185.0	38
Donaghadee.....	29.962	49.8	47.6	56.2	44.5	70	1896	30	1873	15	2.19	—	—
Liverpool.....	29.973	50.9	47.0	58.1	45.0	80	1895	30	1883	14	1.86	—	—
Holyhead.....	29.970	50.7	48.1	56.2	46.0	74	1895	37	1894	13	1.84	—	—
Pembroke.....	29.974	50.2	48.1	55.2	46.1	72	1890	34	1879	14	1.66	223.9	46
Scilly.....	29.980	52.8	50.4	56.6	48.4	67	1896	38	1883	13	1.67	—	—
Jersey.....	29.997	53.8	50.5	59.7	47.5	79	1875	33	1871	12	1.89	249.4	53
Portland Bill†.....	[29.984]	[50.1]	[48.4]	[56.1]	[44.3]	—	—	—	—	[10]	[1.21]	—	—
Dungeness.....	29.972	52.3	49.4	57.3	46.2	76	1892	30	1892	12	1.35	—	—
Wick.....	29.916	48.2	45.8	53.9	40.8	71	1891	24	1876	17	1.83	—	—
Nairn.....	29.922	48.8	45.8	56.6	41.5	78	1888	26	1894	15	1.68	—	—
Aberdeen.....	29.936	49.0	45.4	54.8	41.8	74	1881	29	1884, 91	16	2.02	191.0	38
Leith.....	29.940	50.2	46.7	57.8	42.4	81	1881	27	1883	14	1.67	—	—
North Shields.....	29.955	48.9	46.0	54.5	42.6	72	1896	29	1871, 91	14	1.66	—	—
Spurn Head.....	29.961	49.4	47.3	54.3	45.0	[75]*	[1883]	[34]*	[1891]	13	1.58	—	—
Yarmouth.....	29.969	50.5	48.0	55.2	44.8	76	1876	32	1891, 92	13	1.78	—	—
Loughborough.....	29.984	50.8	47.4	61.6	42.4	[83]*	[1881, 95]	[25]*	[1892]	14	2.02	—	—
Oxford.....	29.991	50.7	47.5	60.9	43.5	83	1895	28	1877	13	1.75	196.3	41
LONDON.....	29.989	52.6	48.4	62.6	44.5	86	1880	29	1877, 86, 92	12	1.69	164.8†	35†
Sumburgh Head....	29.903	50.4	48.7	54.5	45.1	70	1891	33	1888	15	1.88	—	—
Stornoway.....	29.898	53.5	51.5	58.5	48.2	76	1893	31	1888	16	2.42	183.7	34
Malin Head.....	29.934	53.8	51.6	59.1	50.8	[75]*	[1887, 91, 95]	[40]*	[1888]	[16]*	[2.21]*	—	—
Blacksod Point....	29.955	56.4	53.4	60.9	51.3	[82]*	[1887]	[40]*	[1894]	[17]*	[2.69]*	—	—
Valencia.....	29.985	57.6	54.6	62.5	51.3	81	1887	40	1875, 80, 82	17	3.38	197.6	40
Roche's Point.....	29.986	57.2	54.1	64.2	51.6	80	1876, 87	41	1881	13	3.02	—	—
Parsonstown.....	29.981	56.4	53.2	65.1	48.8	85	1887	32	1881	15	2.43	170.2	34
Donaghadee.....	29.961	55.2	53.1	61.6	49.7	77	1887	36	1880	15	2.18	—	—
Liverpool.....	29.977	57.2	53.0	64.2	51.3	85	1878, 93	38	1872	14	2.07	—	—
Holyhead.....	29.977	56.2	53.6	61.8	51.3	83	1878	42	1882	14	1.99	—	—
Pembroke.....	29.985	55.7	53.7	60.8	51.8	79	1893	38	1888	14	1.93	233.6	47
Scilly.....	30.000	57.7	55.5	61.8	53.4	75	1893	41	1888	14	1.76	—	—
Jersey.....	30.021	59.2	56.0	65.2	53.1	87	1872	39	1890	12	1.90	246.6	51
Portland Bill†.....	[29.969]	[55.7]	[54.3]	[61.3]	[50.6]	—	—	—	—	[12]	[2.67]	—	—
Dungeness.....	29.988	58.3	55.3	63.2	52.4	77	1878	37	1890, 91, 92, 93	11	1.34	—	—
Wick.....	29.920	53.3	50.9	58.9	45.7	79	1878	30	1881	14	1.74	—	—
Nairn.....	29.920	54.6	51.2	62.4	47.3	86	1876	30	1888	14	1.77	—	—
Aberdeen.....	29.937	54.8	50.9	60.9	47.3	80	1881, 87	30	1888	14	1.85	187.9	36
Leith.....	29.946	56.0	52.4	63.8	48.2	86	1887	34	1886	14	1.87	—	—
North Shields.....	29.959	54.9	51.9	60.7	48.6	80	1897	37	1881, 86, 95, 98	13	1.80	—	—
Spurn Head.....	29.970	55.5	53.2	60.6	51.3	[80]*	[1885]	[34]*	[1881]	12	1.60	—	—
Yarmouth.....	29.981	57.0	54.1	62.1	51.1	81	1877, 88	37	1898	13	1.90	—	—
Loughborough.....	29.991	57.8	54.0	68.8	49.0	[86]*	[1893]	[32]*	[1895, 98]	12	2.15	—	—
Oxford.....	29.997	57.1	53.6	67.4	50.1	86	1876, 93	35	1892, 93	12	2.10	194.9	40
LONDON.....	30.001	59.2	54.7	69.5	50.9	91	1878	35	1880	12	1.93	164.9†	34†

* These values are from observations made during the following periods:—Spurn Head and Loughborough, 20 years, 1881-1900; Malin Head and Blacksod Point (Belmullet), 15 years, 1886-1900.

† The Sunshine values are for Westminster.

‡ The values for Portland Bill are for one year only—1900.

DAILY WEATHER REPORT

for 8 a.m. on SUNDAY 1ST JUNE 1902
 Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.	
		At 82° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 82° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Weather.			Max.	Min.			
																					Ins.	Ins.	°	°
SCANDINAVIA.	Haparanda	30.18	43	NW	2	0	30.21	+0.2	46	41	+1	N	2	b	*	0	48	32	*	-	
	Hernösand	30.23	41	2	0	r	30.29	-1.0	44	39	+3	N	4	bc	*	+	52	37	*	0.20	
	Stockholm	30.12	59	2	0	c	30.14	-0.4	46	44	-9	NNE	8	0	*	c	73	46	*	-	
	Wisby	30.12	64	NE	2	b	30.04	-1.2	57	51	+7	NE	2	b	*	b	77	45	*	-	
	Karlstad	30.03	58	N	2	0	30.17	+0.1	47	44	-7	NE	4	0	*	0	*	*	*	-	
	Færder (X'iania Fjord)	30.06	54	N	4	0	30.12	+0.3	49	46	-2	NNE	6	0	2	0	54	48	*	0.08	
	Bodö	30.30	39	W	4	0	30.35	+0.4	40	37	-1	W	4	bc	2	0	43	37	*	-	
	Christiansund	30.33	44	ENE	6	bc	30.35	+1.3	44	39	-2	ESE	6	b	4	bc	48	41	*	-	
Skudesnaes	30.07	54	N	2	0	30.07	+0.2	55	53	+3	Z	0	0	1	0	61	50	*	*		
BRITISH ISLANDS.	Sumburgh Head	30.22	44	ENE	6	0	30.25	+0.5	46	42	+2	ENE	5	c	6	0	48	41	*	-	
	Stornoway	30.23	45	ENE	6	0	30.22	+0.1	46	42	0	ENE	6	0	6	0	50	42	3.5	-	
	Malin Head	29.93	47	ENE	6	r	29.95	+1.0	49	47	+5	E	7	cq	4	r	49	42	*	0.44	
	Blacksod Pt.	29.85	50	NE	7	omg/h	29.84	+0.1	50	49	+2	NE	7	cq	6	omg/h	50	46	*	0.15	
	Valencia...	29.71	53	NNE	4	og	29.63	-1.0	52	50	+5	NE	5	ogp	5	ogp,og	55	46	1.7	0.01	
GERMANY, &c.	Roche's Point	29.71	53	E	2	om	29.58	-0.9	56	54	+8	ENE	4	r	2	om	56	47	*	0.22	
	Parsonstown	29.76	54	NE	2	0	29.73	+0.2	50	48	+5	NE	7	org	*	omg,0	55	44	0.0	0.05	
	Donaghadee	29.86	50	E	4	cg	29.93	+1.8	48	46	+1	E	4	c	4	cg	50	46	*	0.67	
	Liverpool Obsy.	29.76	62	ENE	3	c	29.81	+1.5	55	52	+2	E	2	0	3	omg,0	64	53	*	0.03	
	Holyhead	29.76	53	N	2	bc	29.77	+1.3	53	52	+2	E	4	erm	3	om,bc	58	50	*	0.16	
Pembroke (St. Ann's)	29.70	57	N	4	c	29.60	-0.1	55	50	+3	SE	5	ogu	4	c,p	58	50	4.1	0.21		
FRANCE.	Scilly (St. Mary's)	29.63	54	ENE	4	c	29.53	-1.0	54	53	+1	ESE	4	ot	2	c	58	50	7.9	0.18	
	Jersey (St. Aubins)	29.65	57	NE	3	otgm	29.68	-0.0	56	54	0	SE	3	og	3	c,otgm	60	54	5.2	0.52	
	Portland Bill	29.72	54	ENE	2	c	29.66	-0.1	54	54	+3	E	3	c	3	c	56	51	*	0.49	
	Dungeness	29.77	57	E	2	op	29.72	-0.2	59	57	+3	ENE	3	c	1	bc,op,2	65	54	*	0.03	
	Wick	30.25	44	NE	3	0	30.25	+0.5	47	45	+1	NE	3	0	4	0	47	43	*	-	
PEN.	Nairn	30.20	44	ENE	4	0	30.21	+0.7	46	43	0	E	2	0	3	0	47	40	*	0.04	
	Aberdeen	30.13	42	N	5	ogtq	30.17	+1.0	45	43	+1	NNE	4	ogq	5	ogtq	45	42	0.0	0.82	
	Leith	30.05	45	NE	4	r	30.09	+1.6	46	44	0	NE	4	0	*	r	46	44	*	0.37	
	North Shields	29.89	47	N	3	om	30.01	+2.2	45	45	-2	NNE	5	opm	4	om	49	45	*	0.07	
	Spurn Head	29.76	55	ESE	3	c	29.88	+1.8	52	50	-4	N	3	blt	3	c	58	50	*	0.80	
GERMANY, &c.	Yarmouth	29.50	59	ESE	3	bc	29.75	+0.4	56	54	-1	NE	5	bc	4	bc,blt	59	52	*	0.55	
	Loughborough	29.77	68	ESE	2	c	29.82	+1.4	58	56	+1	ENE	3	0	*	op,0,ot	71	53	*	0.18	
	Oxford	29.76	63	ENE	2	op	29.74	+0.7	62	58	+7	E	2	op	*	op	67	55	*	0.03	
	London (Brixton)	29.75	68	ESE	3	0	29.72	+0.2	67	62	+7	E	2	b	*	c,og	71	58	4.2	0.03	
	The Scaw (Skagen)	30.04	53	NNE	1	m	30.01	-0.0	53	51	+2	NE	3	c	1	m	57	51	*	-	
FRANCE.	Fanö	29.96	64	NW	1	b	29.94	+0.1	66	64	+3	E	2	b	*	b	77	59	*	-	
	Cuxhaven	29.93	68	N	1	b	29.89	+0.1	66	62	0	NE	2	b	*	b	72	43	*	-	
	The Helder	29.86	62	NE	1	b	29.81	+0.4	63	61	-7	ENE	1	b	1	b	73	59	*	-	
	Brussels...	*	*	*	*	*	29.79	-0.5	74	64	+9	SSW	2	bc	*	bc	78	62	*	-	
	Berlin	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
FRANCE.	Frankfurt	29.81	69	E	2	c	29.81	-0.7	71	61	+3	SE	2	b	*	c	86	61	*	-	
	Munich	29.92	65	E	4	c	29.94	-0.3	71	59	+6	SW	3	b	*	c	77	54	*	-	
	C. Gris Nez	29.78	62	SE	1	0	29.73	-0.0	75	?	-7	E	3	c	3	0	73	55	*	-	
	Brest	29.48	57	ENE	4	c	29.56	-1.5	53	?	+7	SE	3	0	3	c	61	46	*	?	
	Lorient	29.51	58	ESE	4	r	29.58	-0.8	55	52	+6	SE	1	c	2	+	61	49	*	0.35	
FRANCE.	Rochefort	29.56	59	W	4	0	29.64	-0.3	56	53	+2	SSE	5	0	*	0	72	52	*	0.67	
	Biarritz	29.55	59	WSW	4	r	29.67	+0.3	56	50	+2	SSE	4	bc	2	+	70	54	*	0.32	
	Paris	29.72	67	ENE	2	0	29.77	+0.2	64	59	+3	S	2	bc	*	0	68	60	*	0.04	
	Belfort	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
	Lyons	29.76	66	SE	1	0	29.77	-0.7	66	55	+5	S	5	0	*	0	75	58	*	-	
FRANCE.	Nice	29.90	66	E	8	0	29.93	+0.6	71	57	+4	SW	4	b	3	0	71	57	*	-	
	Perpignan	29.70	64	S	5	b	29.82	+1.1	62	60	-2	SW	2	0	*	b	74	59	*	0.08	
	Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
PEN.	Lisboir	29.69	51	WSW	3	bc	29.78	+2.0	55	48	+5	WSW	4	b	*	bc	59	48	*	0.08	
	Azores (P. Delgada)	30.16	57	NNE	4	bc	30.12	-0.1	59	51	-2	N	3	bc	2	bc	66	54	*	-	

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page

FOR Sunday 1st June, 1902

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 \rightarrow : Force 5 to 7 \rightarrow : } Calm \odot
Force 8 to 10 \rightarrow : Force 1 to 4 \rightarrow :

SEA.—Rough : High



TEMPERATURE.—Isotherms are drawn for each 10°

WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

RAINFALL.— { A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



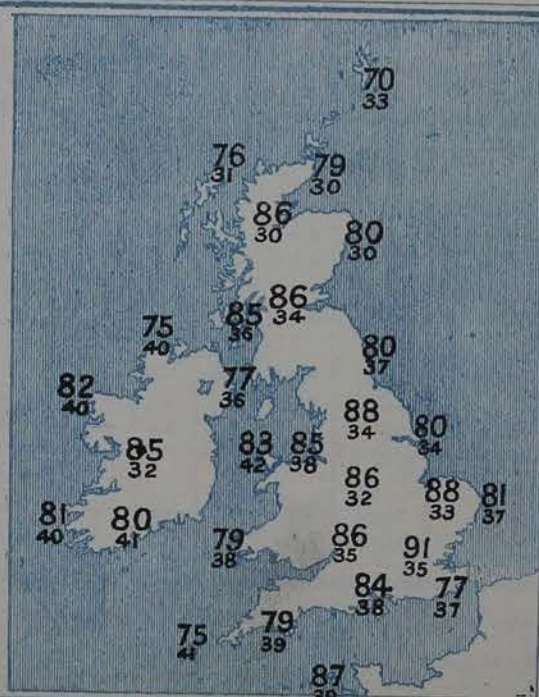
Yesterday morning.



in month of **JUNE** (1877-1900).

Specimen	Highest Max,	80
(for Shields)	Lowest Min,	37

Malin Head & Blacksod Belmullet Valves are for only 15 Yrs



at 8 A.M. for the Two monthly period

MAY-JUNE (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is above 30.3 ins. in an anticyclone lying to the northward and north-eastward of Scotland, while it is lowest, about 29.5 ins., in a disturbance, which, travelling northward, has reached a position to the southward of Scilly. Pressure is falling over Ireland, the south of England, the Netherlands, and North Germany; rising elsewhere. Gradients are rather steep and increasing in Ireland, slight or moderate in other regions.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind circulates round the disturbance noted above, being southerly or south-easterly in France, and E⁴ or NE⁴ over the United Kingdom (strong in Ireland and the Hebrides). Over the southern portion of Scandinavia it is northeasterly, and blows with the force of a gale at Stockholm, but in the extreme north it is moderate from the westward. Temperature is high over Germany, the Netherlands, the south-eastern and southern midland counties of England, and also in the east and south-east of France; elsewhere it is low. At Brussels the reading is 74°, at some German stations and at Nice 71°, and in London 67°, while on our north-east coasts it is only 45°. The weather is fine in most continental districts, but dull and unsettled at most of our own stations, with a thunderstorm at Spurn Head and showers in many other places. The sea is rough off Scotland and the west of Ireland, moderate to smooth elsewhere.

Maximum temperatures of 71° were recorded yesterday at Loughborough and in London, 75° at Lyons, 77° at Jano and Wiesl, and 86° at Frankfurt. Over our Islands generally there were below 60°, and on our north-east coasts below 50°. Rain has fallen in the west of France, and at almost all our own stations; the amounts on the south and east coasts of Gt. Britain, and in central Ireland, have been large. At Farnmouth a heavy thunderstorm was experienced in the night.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS*

For the 24 hours ending at NOON on *2nd June* 1902

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

- NONE ISSUED -

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

WARNINGS

- NONE ISSUED -

At 9.35 am. to Districts 7, 9, and 10
"Hoist North Cone."

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	b.c.	*	b.c., b.c.	62	55	7.1	0.04
Newton Reigny (Penrith)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Bath	29.72	61	NE 2	b	29.68	+0.4	63	59	+4	E 5	o	*	b	64	55	4.1	0.19

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	51	44	o	0.0	0.36	Worthing	*	*	*	3.0	*
Birmingham, 9 p.m. ...	66	47	o	2.3	0.44	Llandudno	*	*	*	2.6	*
Lowestoft, up to 6 p.m. ...	*	*	*	*	*	Rhyl up to 6 p.m. ...	*	*	*	*	*
Hastings	*	*	*	4.1	*	Southport, 9 p.m. ...	66	46	o, v, o	2.0	0.13
Eastbourne up to 6 p.m. ...	*	*	*	*	*	Manchester, 9 p.m. ...	*	*	*	*	*
Brighton	*	*	*	*	*	Darwen, 9 p.m. ...	*	*	*	*	*

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 31. May	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 30. V. 02	TEMPERATURE, F. at 1 p.m.	WEATHER.	RAIN. (measured at 7 a.m.)
	Max.	Min.						
Marseilles	72	64	o	0.08	Geneva	72	?	—
Utrecht	75	61	c	—	Berne	73	o	—
Copenhagen	72	54	o	—	Lucerne	78	b.c.	—
Prague	61	61	b	—	Lausanne	66	o	—
Vienna	70	57	b	—	Lugano	70	o	—
Buda-Pesth	77	57	b	—	Locarno	70	o	0.12
St. Petersburg	68	48	c	—				
Rome	78	57	c	—				
Malta	78	66	?	—				
Madeira (Funchal)	78	66	?	—				

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

1. June, 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	h. m. 3.38	h. m. 11.57	h. m. 8.4
Greenwich	3.57	11.58	8.5
Wick	3.17	12.10	9.2
Valencia	4.29	12.39	8.48

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on MONDAY 2nd JUNE 1902
 Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.					
		BAROM.	TEMP.		WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.			
			At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Max.	Min.					
																					Ins.	Ins.	°
SCANDINAVIA.	Haparanda ...	30.29	43	NE	2	0	30.32	+11	45	43	-1	SW	4	6	*	0	54	37	*	-			
	Hernösand ...	30.30	45	Z	0	6	30.39	+10	50	43	+6	S	2	6	*	6	54	37	*	-			
	Stockholm ...	30.26	42	N	2	0	30.39	+25	48	43	+3	NE	4	6	*	0	57	41	*	0.12			
	Wisby ...	30.18	45	N	4	+	30.32	+28	48	45	-9	E	6	0	*	+	66	39	*	0.16			
	Karlstad ...	30.30	45	NE	4	0	30.42	+25	51	44	+4	NE	2	6	*	0, +	*	*	*	-			
	Færder (K'iania Fjord)	30.24	48	NNE	5	0	30.39	+27	47	42	-2	NE	4	6	2	0	49	45	*	-			
	Bodö ...	30.41	41	WNW	4	C	30.34	-01	41	36	+1	E	6	6	3	6	43	37	*	-			
	Christiansund ...	30.29	46	E	7	6	30.34	-01	50	45	+6	E	2	6	3	6	50	41	*	-			
	Skudesnaes ...	30.14	59	Z	0	6	30.28	+21	53	52	-2	SSE	2	0	1	6	63	50	*	*			
BRITISH ISLANDS.	Sumburgh Head	30.21	46	ENE	6	bc	30.21	-04	46	44	0	ENE	4	6	6	c, bc	48	41	*	-			
	Stornoway ...	30.16	51	E	6	6	30.07	-15	48	47	+2	E	5	6	5	bc, b	53	42	10.2	0.04			
	Malin Head ...	29.92	49	ESE	6	op	29.96	+01	52	51	+3	E	2	6	2	op	52	42	*	0.12			
	Blacksod Pt. ...	29.75	52	NE	6	rgm	29.86	+02	53	52	+3	SE	5	6	4	r, rgm	53	49	*	0.51			
	Valencia ...	29.63	56	ESE	2	rm	29.79	+16	56	52	+4	ESE	5	6	4	op, rm	61	49	0.3	0.37			
	Roche's Point ...	29.66	54	SE	3	mp	29.87	+29	55	52	-1	SSE	4	6	3	opm, mp	57	50	*	0.21			
	Parsonstown ...	29.70	51	E	6	+	29.93	+20	55	51	+5	SE	4	6	*	op, +	56	46	0.0	0.57			
	Donaghadee ...	29.88	48	E	4	op	29.99	+06	51	50	+3	SW	2	0	2	op	51	47	*	0.51			
	Liverpool Obsy.	29.75	57	ENE	6	bc	30.04	+23	55	53	0	SE	2	0	2	op, bc	65	50	*	0.06			
GERMANY, &c.	Holyhead ...	29.73	57	ENE	6	until	30.01	+24	53	52	0	S	1	6	1	r, until	57	50	*	0.44			
	Pembroke (St. Ann's)	29.70	53	SSE	3	+	29.97	+37	53	50	-2	SE	5	6	4	+	57	50	0.0	0.41			
	Scilly (St. Mary's)...	29.61	55	SSE	4	c	29.87	+34	54	52	0	SE	4	6	2	r, c	59	52	4.5	0.06			
	Jersey (St. Aubins)...	29.75	55	ESE	4	og	30.02	+34	55	51	-1	ESE	4	6	3	r, og	57	49	0.4	0.08			
	Portland Bill ...	29.78	51	FSE	3	cp	30.04	+38	53	53	-1	ESE	3	6	3	c, cp	60	47	*	0.21			
	Dungeness ...	29.81	55	W	5	ou	30.13	+41	53	53	-6	SSW	3	0	1	c, ou, pl	67	52	*	0.05			
	Wick ...	30.21	47	ENE	3	0	30.16	-09	48	47	+1	E	2	6	4	o	49	44	*	-			
	Nairn ...	30.19	46	ENE	3	0	30.08	-13	48	47	+2	ENE	1	0	2	o	49	43	*	0.04			
	Aberdeen ...	30.16	45	ENE	4	ogq	30.12	-05	47	46	+2	E	2	6	4	ogq	48	44	0.0	0.05			
FRANCE.	Leith ...	30.06	46	ENE	4	0	30.04	-05	47	47	+1	ENE	1	6	*	o	47	44	*	0.17			
	North Shields ...	29.96	47	N	4	ou	30.03	+02	48	48	+3	NW	1	6	3	pm, ou	48	44	*	0.22			
	Spurn Head ...	29.85	53	ENE	4	c	30.05	+17	55	54	+3	W	2	6	3	c, br	56	50	*	0.29			
	Yarmouth ...	29.79	60	ENE	3	bc	30.05	+30	59	55	+3	SW	2	6	3	bc	62	54	*	0.02			
	Loughborough ...	29.77	61	E	3	0	30.07	+25	54	52	-4	SSE	1	6	*	o, c, op, o	63	52	*	0.03			
	Oxford ...	29.84	54	SSW	1	0	30.08	+34	54	50	-8	S	1	6	*	op, o	71	50	*	0.08			
	London (Brixton)	29.75	69	SE	2	0	30.09	+37	55	52	-12	SSE	2	6	*	c, o, op	75	51	5.2	0.06			
	The Scaw (Skagen)	29.73	50	NE	5	c	30.28	+27	51	49	-2	E	3	0	1	c	55	48	*	-			
	Fanö ...	30.04	64	E	3	6	30.17	+23	62	59	-4	ENE	4	6	*	6	81	54	*	-			
SPAN. PEN.	Cuxhaven ...	29.92	77	E	1	6	30.10	+21	66	62	0	ENE	1	6	*	6	79	61	*	-			
	The Helder ...	29.86	70	N	1	6	30.02	+21	61	58	-2	N	2	6	2	6	75	57	*	-			
	Brussels ...	*	*	*	*	*	30.12	+33	59	55	-15	WNW	1	6	*	0	76	51	*	-			
	Berlin ...	29.91	79	E	2	6	30.05	74	65	72	+1	ESE	2	6	*	6	90	66	*	-			
	Frankfurt ...	29.89	73	NW	1	6	30.01	+20	72	63	+1	E	2	6	*	6	89	63	*	-			
	Munich ...	29.99	70	SE	2	6	30.11	+17	67	61	-4	Z	0	6	*	6	81	54	*	-			
	C. Gris Nez ...	29.85	55	WSW	5	0	30.10	+37	55	53	0	Z	0	0	0	0	75	52	*	0.08			
	Brest ...	29.71	53	S	3	c	29.89	+33	52	50	-1	ESE	3	6	2	c	57	?	*	0.08			
	Lorient ...	29.78	55	S	4	c	29.91	+33	53	52	-2	ESE	4	6	3	c	59	50	*	0.16			
SPAN. PEN.	Rochefort ...	29.83	64	W	1	6	29.98	+34	57	54	+1	SSE	4	6	*	6	72	50	*	0.04			
	Biarritz ...	29.84	62	S	1	c	29.98	+31	63	54	+7	S	3	6	1	c, l	70	52	*	-			
	Paris ...	29.94	57	SSW	2	0	30.15	+38	55	52	-9	SW	1	0	*	0	76	51	*	-			
	Belfort ...	29.82	70	ENE	4	0	30.06	57	53	57	-11	W	2	6	*	0	79	50	*	-			
	Lyons ...	29.85	72	N	1	0	30.12	+35	55	48	-11	N	1	6	*	0	72	49	*	-			
	Nice ...	29.93	74	E	7	6	30.00	+07	74	59	+3	Z	0	6	2	6	77	63	*	-			
	Perpignan ...	29.84	67	SE	3	bc	30.00	+18	61	60	-1	NE	2	0	*	6	77	56	*	-			
	Corunna ...																						
	Lisbon ...																						
SPAN. PEN.	Azores (P. Delgada)	30.08	56	NW	4	6	30.06	-06	59	53	0	WNW	4	6	2	6	63	55	*	-			

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

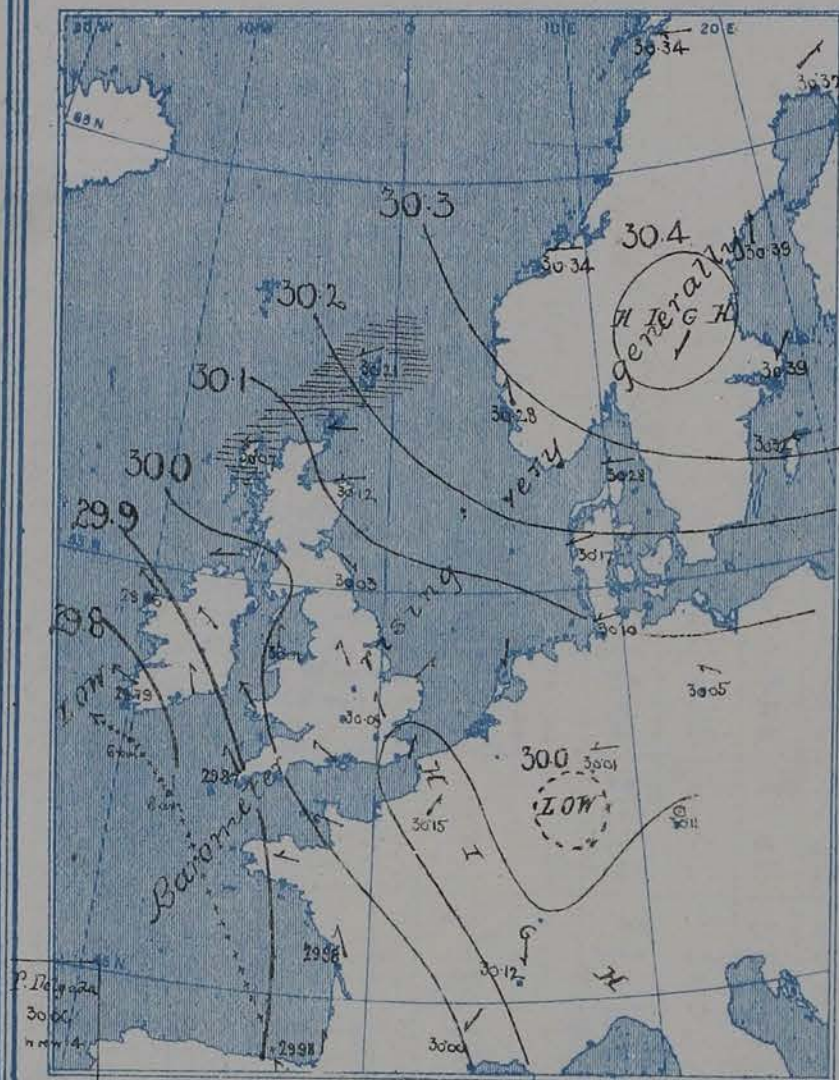
FOR *Monday, 2nd June, 1902*

I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ⊙
 Force 8 to 10 → : Force 1 to 4 → :
SEA.—Rough ■ : High ■



II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III. BAROMETER AND WIND

Yesterday morning.



IV. EXTREMES OF TEMPERATURE

in month of JUNE (1871-1900).

Specimen { Highest Max, 80
 (for Shields) { Lowest Min, 37

Malin Head & Blacksod Belmullet Values are for only 15 Yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

MAY-JUNE (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure this morning ranges from 30.42 in. at Kaskela and 30.12 in. at Lyons to 29.79 in. at Valencia, and there is a shallow local minimum found near Frankfurt. The barometer is now rising except at a few of our northern stations.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is E^{ly} and rather strong over the countries lying to the eastward of the North Sea, E^{ly}, moderate to light, in Scotland, but is mainly S.E^{ly} over Ireland and England and variable in a few eastern and north-western localities. Temperature has fallen over France and England, but has risen a little in Ireland and ranges from 50° at Yarmouth and 56° at Valencia to 47° at Leith and 46° at Lumbagh Head, the northern values are somewhat below and the southern rather above, the average. The German readings exceed 70°. The weather is cloudy, and in many places rain is falling, especially in the east where it is accompanied by thunder. The sea is rough in the far north, but moderate to smooth elsewhere.

During yesterday the maximum temperatures recorded were 75° in London and 71° at Oxford, but were below 60° in Scotland and the north-west of England. Rain fell in all parts of the Kingdom, the north of France and the south of Sweden. The amount of bright sunshine varied exceedingly locally - it amounted to 10.2 hrs. at Stornoway and 8.2 hrs. at Worthing, at several other stations there was none.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The weather is now inclined to improve temporarily in the south and west, but further rain and thunder are expected in the east and north. The air will be warm and rather humid.

FORECASTS*

For the 24 hours ending at NOON on 3rd June, 1902

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	E ^{ly} and S.E ^{ly} winds, moderate; rainy, thundery, close.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	Very variable light winds, with thunder showers in places.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	S.E ^{ly} winds, light; cloudy, close, but fair as a whole.
5	{ ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	S.E ^{ly} breezes, moderate to light; cloudy, close, slight passing showers.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH	At 9.35 a.m. to-day to districts 7, 9 and 10, 'Lower cone'.

WARNINGS

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (\Uparrow), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature			Wind.	Weather.	Sea.	Weather.	Temperature		Sun- shine Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet. °	Change.					Max. °	Min. °		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	c	*	b, o	62	53	10.0	0.24
Newton Reigny (Penrith) ...	29.89	50	NE 4	0	30.02		54	53		E 1	0	*	o, c, g, r, m	54	47	3.3	0.18
Bath	29.76	56	S 2	r	30.06	+ .33	54	51	- 9	SE 1	0	*	r	71	48	4.2	0.16

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	51	43	om	0.0	0.54	Worthing	*	*	*	8.2	*
Birmingham, 9 p.m. ...	*	*	*	*	*	Llandudno	*	*	*	0.2	*
Lowestoft, up to 6 p.m. ...	*	*	*	*	*	Rhyl up to 6 p.m. ...	*	*	*	0.3	*
Hastings	*	*	*	6.1	*	Southport, 9 p.m. ...	64	52	o, r, o	6.4	0.06
Eastbourne up to 6 p.m. ...	*	*	*	6.4	*	Manchester, 9 p.m. ...	66	50	o, b	4.0	0.07
Brighton	*	*	*	7.4	*	Darwen, 9 p.m. ...	*	*	*	*	*

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 1. JUNE.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 31. May	TEMPERATURE, F. at 1 p.m.		WEATHER.	RAIN. (measured at 7 a.m.)
	Max.	Min.				°	°		
Marseilles	<i>not read yet</i>			Ins.	Geneva	68		0	—
Utrecht					Berne	75		0	—
Copenhagen					Lucerne	72		0	—
Prague					Lausanne	72		0	—
Vienna					Lugano	66		0	0.08
Buda-Pesth					Locarno	64		0	—
St. Petersburg									
Rome									
Malta									
Madeira (Funchal)									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

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	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

2. June 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3.37	11.51	8.5
Greenwich	3.50	11.58	8.6
Wick	3.16	12.10	9.4
Valencia	4.28	12.39	8.50

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on TUESDAY 3RD JUNE 1902
 Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.	YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.			
	BAROM.	TEMP.	WIND.		Weather.	Sea (0 to 9.)	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.
	At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)			At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)				Max.	Min.		
	Ins.						Ins.	Ins.	°	°										
SCANDINAVIA.	Haparanda ...	30.09	43	Z	0	c	30.03	-2.9	53	48	+8	NW	4	b	*	c	53	36	*	-
	Hernösand ...	30.23	51	Z	0	b	30.26	-1.3	59	49	+9	NW	2	b	*	b	59	30	*	-
	Stockholm ...	30.40	49	Z	0	b	30.34	-0.5	57	49	+9	WSW	2	b	*	b	57	37	*	-
	Wisby ...	30.40	47	Z	0	b	30.41	-0.9	46	42	-2	Z	0	b	*	b	66	37	*	-
	Karlstad ...	30.36	57	SW	2	b	30.38	-0.4	53	50	+2	SW	2	b	*	b	*	*	*	-
	Færder (X'ania Fjord)	30.36	60	Z	0	b	30.39	-0.0	56	51	+9	SSE	1	b	*	b	*	*	*	-
	Bodö ...	30.23	40	SSW	6	+	30.30	-0.4	41	40	0	WNW	5	+	2	+	43	37	*	0.39
	Christiansund ...	30.35	55	E	2	b	30.40	+0.6	53	49	+3	E	2	b	2	b	55	45	*	-
	Skudesnaes ...	30.32	59	W	2	c	30.33	+0.5	60	54	+7	E	2	b	0	c	64	52	*	*
	Sumburgh Head ...	30.20	48	SE	2	0	30.26	+0.5	47	47	+1	ENE	1	0	4	0	50	45	*	0.06
BRITISH ISLANDS.	Stornoway ...	30.09	49	Z	0	+	30.20	+1.3	51	50	+3	Z	0	0	1	0, r, f	53	41	0.0	0.54
	Malin Head ...	29.92	60	SE	3	b	30.06	+1.0	52	51	0	E	4	bm	3	bc, b	62	48	*	-
	Blacksod Pt. ...	29.94	60	SE	3	bc	29.93	+0.7	57	53	+4	E	4	c	3	bc, b, bc	62	52	*	-
	Valencia ...	29.85	58	E	5	c	29.74	-0.5	57	52	+1	E	6	0	5	c	62	53	8.9	0.01
	Roche's Point ...	29.92	56	SE	5	b	29.84	-0.3	54	53	-1	SE	6	bm	5	bc, b	56	52	*	0.03
	Parsonstown ...	29.97	60	SE	3	c	29.92	-0.1	59	53	+4	E	3	0	*	c	64	50	12.4	-
	Donaghadee ...	30.09	56	SSE	2	b	30.10	+1.1	52	50	+1	ENE	3	bcw	2	b	57	47	*	-
	Liverpool Obsy. ...	30.08	65	ESE	1	b	30.07	+0.3	59	54	+4	ESE	2	c	?	om, b	68	53	*	-
	Holyhead ...	30.08	54	NE	2	bc	30.03	+0.2	57	55	+4	E	2	c	1	bc, bc	60	51	*	-
	Pembroke (St. Ann's)	29.99	57	SE	5	bc	29.91	-0.6	57	52	+4	ESE	7	bc	5	bc, b	60	52	12.3	-
GERMANY, &c.	Scilly (St. Mary's) ...	29.90	57	E	5	c	29.85	-0.2	54	53	0	SE	5	0	4	c	59	52	13.8	-
	Jersey (St. Aubins) ...	30.01	63	ENE	3	bc	30.03	+0.1	63	59	+8	ESE	2	bc	2	bc, bc	65	53	12.2	-
	Portland Bill ...	30.06	53	E	4	c	30.03	-0.1	53	53	0	E	4	c	3	bc, c	56	52	*	-
	Dungeness ...	30.14	56	E	4	b	30.07	-0.6	59	57	+6	ENE	3	bc	2	bc, b	62	52	*	0.04
	Wick ...	30.15	45	SE	2	+	30.26	+1.0	45	45	-3	E	2	f	3	+	50	44	*	0.26
	Nairn ...	30.10	54	Z	0	bc	30.23	+1.5	46	45	-2	Z	0	m	0	bc	54	40	*	0.20
	Aberdeen ...	30.13	51	SW	2	bc	30.19	+0.7	50	49	+3	N	1	og	3	og, bc, f	52	43	0.9	0.27
	Leith ...	30.11	51	ENE	1	b	30.17	+1.3	47	47	0	ENE	1	om	*	b	52	44	*	0.07
	North Shields ...	30.12	52	E	1	bc	30.16	+1.3	47	47	-1	N	3	f	3	r, c, bc, f	53	45	*	0.04
	Spurn Head ...	30.13	56	ESE	3	bc	30.13	+0.8	53	52	-2	N	3	f	3	bc	60	50	*	-
FRANCE.	Yarmouth ...	30.13	59	ESE	2	bc	30.07	+0.2	56	54	-3	NW	2	bcw	3	bc	61	51	*	0.02
	Loughborough ...	30.11	71	SE	2	bc	30.14	+0.7	54	53	0	ENE	2	om	*	bc, b, o, p	71	45	*	0.04
	Oxford ...	30.11	62	ESE	2	bc	30.10	+0.2	55	53	+1	ENE	2	0	*	bc	67	48	*	-
	London (Brixton) ...	30.11	66	SSE	2	bc	30.08	-0.1	55	53	0	E	2	0	*	bc, b, o, r	73	52	6.0	0.38
	The Scaw (Skagen) ...	30.33	56	NE	1	b	30.37	+0.9	55	53	+4	SW	1	b	0	b	61	50	*	-
	Fanö ...	30.28	57	E	6	b	30.30	+1.3	59	54	-3	E	5	b	*	b	72	52	*	-
	Cuxhaven ...	30.16	62	E	4	b	30.23	+1.3	58	55	-8	E	4	b	*	b	72	55	*	-
	The Helder ...	30.13	57	NNW	1	b	30.13	+1.1	66	63	+5	ESE	1	b	0	b	66	54	*	-
	Brussels ...	*	*	*	*	*	30.06	-0.6	66	63	+7	WSW	1	b	*	b	68	52	*	-
	Berlin ...	30.11	74	NE	3	b	30.21	+1.6	66	61	-8	NE	3	b	*	b	90	57	*	-
PEN.	Frankfurt ...	30.02	77	NE	2	b	30.05	+0.4	75	64	+3	NE	2	b	*	b	91	68	*	-
	Munich ...	30.08	71	E	1	b	30.10	-0.1	68	63	+1	SE	2	b	*	b	81	55	*	-
	C. Gris Nez ...	30.16	59	NE	4	b	?	?	55	54	0	ENE	3	0	3	b	73	52	*	-
	Brest ...	29.94	57	S	3	c	29.95	+0.6	57	54	+5	SSE	4	0	3	c	63	52	*	-
	Lorient ...	29.97	60	SE	3	c	30.02	+1.1	59	55	+6	SW	2	bc	2	c	66	53	*	-
	Rochefort ...	29.92	73	Z	0	c	30.04	+0.6	62	59	+5	SW	2	c	*	bc	82	50	*	-
	Biarritz ...	29.96	67	ENE	2	0	30.08	+1.0	63	54	0	SSE	3	bc	1	0	73	59	*	-
	Paris ...	30.06	70	NE	2	b	30.04	-1.1	64	61	+9	NNW	2	b	*	b	73	55	*	-
	Belfort ...	29.95	75	ENE	3	m	29.99	-0.7	67	65	+10	E	3	m	*	m	80	57	*	-
	Lyons ...	29.99	77	ENE	1	b	30.03	-0.9	69	59	+14	SE	1	bc	*	bc	80	55	*	-
PEN.	Nice ...	30.00	74	SE	2	b	30.00	0.0	71	63	-0.3	Z	0	b	2	b	81	57	*	-
	Perpignan ...	29.97	64	NE	2	b	30.05	+0.5	64	62	+0.3	SW	1	0	*	b	69	58	*	-
PEN.	Corunna ...																		*	-
	Lisbon ...																		*	-
PEN.	Azores (P. Delgada)																		*	-

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR Tuesday 3rd June, 1902

I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ⊙
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High

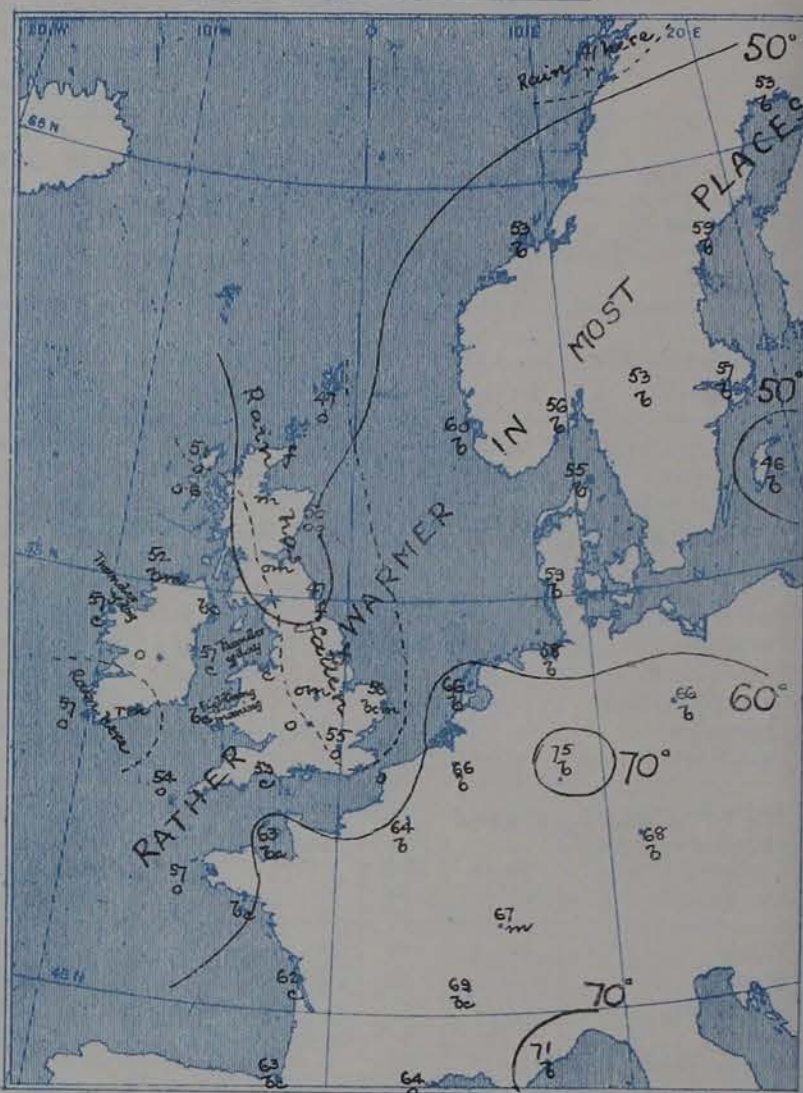


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.8



III. BAROMETER AND WIND

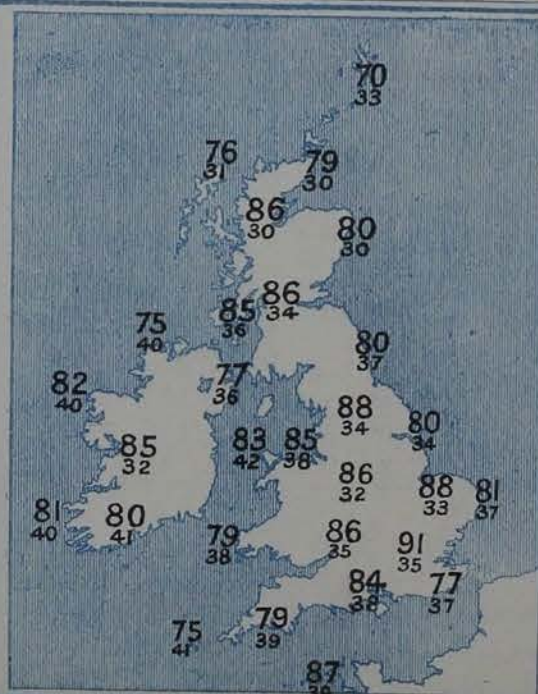
Yesterday morning.



IV. EXTREMES OF TEMPERATURE in month of JUNE (1871-1900)

Specimen { Highest Max, 80
(for Shields) { Lowest Min, 37

Malin Head & Blacksod: Belmullet Values are for only 45 Yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

MAY-JUNE (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometrical pressure continues highest, above 30.3 in. in a large anticyclone covering the greater part of Scandinavia and Denmark. It is lowest 29.8 in. and less, in a cyclonic disturbance lying off our south-west coasts, but is below 30.0 in. in another system over the north-east of France. The barometer is falling slowly at our southern and south-western stations and also in Sweden, and rising over the west of France, in Germany, Denmark and Norway; elsewhere it is changing little and irregularly. Gradients are moderate to slight.

WIND

The wind blows from some E^{ly} point over the major portion of the United Kingdom and is strong in force in the south-west; on the east coasts of England and Scotland, however, it is light from the Nth. Over the east of France and at most German stations there is a feeble cyclonic circulation, while over Scandinavia and its neighbourhood there is an anticyclonic movement. Temperature is fairly high for the time of year at most of our more southern and south-western stations, rather low in the north and north-east. At Parnett, Lincoln, Bath and Dungeness it is 59°, whence it decreases to 47° at Shields and to 45° at Wick. Over the Continent the readings are generally high—especially over Germany. At Frankfurt the value is 74°, at Nice 71°, Lyons 69° and at Paris 64°. The weather is dull over the United Kingdom, with rain in the south of Ireland and fog or mist on the east coast of Great Britain. Over the Continental part of our area it is mostly fine and bright, but rain is falling at Bodö. The sea is rather rough at some of our south-western stations, moderate to smooth elsewhere.

TEMPERATURE

WEATHER

AND

SEA

The maximum temperatures recorded yesterday ranged from 71° at Oxford and 73° in London and at Paris and Brissitz to 81° at Nice and Munich, 90° at Berlin and 91° at Frankfurt. Rain has fallen in many parts of our islands, the largest amounts being 0.55 in. at Stornoway and 0.38 in. in London. Thunder has occurred at Holyhead and Blackhead Point. A good deal of bright sunshine has been experienced except in Scotland.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cyclonic disturbances in the south-west and south will probably cause further falls of rain over Ireland and England during the ensuing 24 hours, but the weather in Scotland seems likely to remain under the influence of the northern anticyclone.

FORECASTS *

For the 24 hours ending at NOON on 4th June, 1902

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

E^{ly} and NE^{ly} winds, increasing somewhat in force; fair as a whole.

N^{ly} and NE^{ly} winds, light or moderate; changeable, some showers, thunder not improbable.

DISTRICTS.

FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

Same as Nos. 0 and 1.


E^{ly} winds, moderate or fresh; cloudy or dull, some rain.


S.E^{ly} and E^{ly} winds, moderate or fresh; unsettled, some rain.

S.E^{ly} or E^{ly} winds, fresh or strong in places; unsettled, rain at times.

WARNINGS

None issued.

Note.—The South Cone, point downwards (), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	b	*	c, b	64	49	8.9	0.01
Newton Reigny (Penrith)	30.09	63	20	b	30.11	+0.09	54	52	0	20	ow	*	c, b, om	65	40	5.2	—
Bath	30.08	66	E 3	b	30.06	.00	59	55	+ 5	E 3	0	*	b	68	49	10.5	—

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	65	47	m, c, b	6.2	0.07	Worthing	*	*	*	10.0	*
Birmingham, 9 p.m. ...	67	49	c	8.2	0.02	Llandudno	*	*	*	9.8	*
Lowestoft, up to 6 p.m. ...	61	51	c	5.2	0.06	Rhyl up to 6 p.m. ...	*	*	*	7.5	*
Hastings	*	*	*	10.8	*	Southport, 9 p.m. ...	68	51	q, b	7.1	0.02
Eastbourne up to 6 p.m. ...	*	*	*	8.1	*	Manchester, 9 p.m. ...	71	50	c, b	8.0	0.04
Brighton up to 6 p.m. ...	*	*	*	9.3	*	Darwen, 9 p.m. ...	64	48	r, b, c	5.3	0.05

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F. at 1 p.m.		WEATHER.	RAIN. (measured at 7 a.m.)
	Max.	Min.				Max.	Min.		
2. June				Ins.	1. June				Ins.
Marseilles	81	59	c	-	Geneva				
Utrecht	84	55	c	-	Berne				
Copenhagen	73	50	b	bc	Lucerne				
Prague	84	61	c	b	Lausanne				
Vienna	82	64	b	bc	Lugano				
Buda-Pesth	81	61	b	bc	Locarno				
St. Petersburg	70	43	r	c					
Rome	84	61	b	b					
Malta	70	66	?	bc					
Madeira (Funchal) ...	66	50	b	bc					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
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	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
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Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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Greenwich	3.49	11.58	8.7
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Valencia	4.27	12.39	8.51

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

WEDNESDAY 4TH JUNE

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.	YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
	Barom.	Temp.	Wind.				Barometer.	Temperature.	Wind.								Temp.				
	At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	Weather.		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Weather.	Sea (0 to 9.)		Max.	Min.	Sun- shine. Hours	Rainfall. Ins.	
	Ins.						Ins.	Ins.	"	"											
SCANDINAVIA.	Haparanda ...	30.25	46	NE	4	bc	30.22	+1.9	45	43	-8	SW	4	0	*	bc	61	41	*	-	
	Hernösand ...	30.30	60	Z	0	b	30.23	-0.3	55	46	-4	Z	0	bc	*	b	72	39	*	-	
	Stockholm ...	30.29	59	S	2	b	30.29	-0.5	70	57	+13	ESE	2	b	*	b	72	41	*	-	
	Wisby ...	30.43	51	Z	0	b	30.31	-1.0	59	49	+13	SW	2	b	*	b	63	36	*	-	
	Karlstad ...	30.30	62	S	2	b	30.29	-0.9	58	52	+5	SSW	2	b	*	b	*	*	*	-	
	Färder (X'ania Fjord) ...	30.31	58	SW	2	b	30.27	-1.2	58	53	+2	WSW	1	b	0	b	61	52	*	-	
	Bodö ...	30.34	44	Z	0	c	30.15	-1.5	46	42	+5	E	2	0	1	c	46	39	*	0.08	
	Christiansund ...	30.33	60	WSW	1	bc	30.20	-2.0	60	53	+7	W	2	bc	2	bc	63	53	*	-	
BRITISH ISLANDS.	Skudesnaes ...	30.37	61	Z	0	b	30.22	-1.1	59	56	-1	ESE	4	b	3	b	66	54	*	*	
	Sumburgh Head ...	30.11	49	ESE	2	0	30.06	-2.0	48	48	+1	ENE	1	f	4	op, o	50	46	*	0.25	
	Stornoway ...	30.07	50	E	4	f	30.02	-1.8	51	50	0	E	2	0	2	c, f	60	45	8.1	-	
	Malin Head ...	29.89	56	E	6	cm	29.83	-1.8	56	54	+4	SE	6	c	3	cm	70	50	*	-	
	Blacksod Pt. ...	29.76	55	ESE	4	rm	29.79	-1.4	56	54	-1	SE	4	c	4	c, rm	61	53	*	0.18	
	Valencia ...	29.68	56	SSE	5	cp	29.76	+0.2	55	53	-2	SSE	5	op	5	og, cp	62	53	4.7	0.16	
	Roche's Point ...	29.81	55	SSE	6	omp	29.89	+0.8	54	53	0	S	5	0	5	r, omp	55	52	*	0.23	
	Parsonstown ...	29.81	57	SE	7	0	29.89	-0.3	55	53	-4	SE	4	0	*	c, op, o	62	53	1.3	0.16	
GERMANY, &c.	Donaghadee ...	29.96	56	S	3	op	30.00	-1.0	52	51	0	SSW	3	0	3	op	58	49	*	0.01	
	Liverpool Obsy. ...	30.01	67	ESE	3	c	30.04	-0.3	58	55	-1	Z	0	0	?	m, c	70	53	*	-	
	Holyhead ...	30.01	58	SW	4	cpt	30.04	+0.1	55	54	-2	S	3	om	2	bc, cpt	71	53	*	-	
	Pembroke (St. Ann's) ...	29.98	55	SSE	6	0	30.01	+1.0	53	52	-4	S	5	og, pm	5	0	60	52	7.5	0.01	
	Scilly (St. Mary's) ...	29.94	57	SE	5	0	30.00	+1.5	55	54	+1	S	5	c	4	cm, o	60	53	3.9	-	
	Jersey (St. Aubins) ...	30.11	63	SW	3	bc	30.15	+1.2	56	53	-7	W	3	om	3	c, bc	69	54	14.0	-	
	Portland Bill ...	30.10	60	SW	2	bc	30.12	+0.9	53	53	0	WSW	2	0	2	bc	60	52	*	-	
	Dungeness ...	30.07	59	SSW	2	bc	30.02	-0.5	60	59	+1	NNW	2	c	1	b, bc, c, l, r	64	55	*	0.31	
FRANCE.	Wick ...	30.10	46	SE	1	f	30.02	-2.4	48	48	+3	SE	1	f	1	f	48	44	*	-	
	Nairn ...	30.07	50	NNE	1	0	30.03	-2.0	50	49	+4	Z	0	m	0	0	50	43	*	0.02	
	Aberdeen ...	30.09	50	ESE	1	om	30.04	-1.5	47	47	-3	ENE	1	of	2	om	51	45	0.0	0.01	
	Leith ...	30.07	50	ENE	1	0	30.04	-1.3	48	48	+1	ENE	1	om	*	0	52	44	*	-	
	North Shields ...	30.09	49	E	1	f	30.04	-1.2	47	47	0	N	1	f	3	f, c, f	51	43	*	-	
	Spurn Head ...	30.07	57	N	3	bc	30.06	-0.7	53	52	0	NW	1	c, l, r	2	bc	58	49	*	0.32	
	Yarmouth ...	30.04	61	N	4	bc, m	29.94	-1.3	60	58	+4	NW	4	bc	3	bc, bc, m	63	50	*	-	
	Loughborough ...	30.06	75	SSE	1	bc	30.07	-0.7	56	55	+2	NW	1	om	*	bc, c, of	75	50	*	0.03	
SPAN. PEN.	Oxford ...	30.11	65	SW	1	b	30.06	-0.4	56	54	+1	W	1	+	*	b	73	53	*	0.01	
	London (Brixton) ...	30.08	74	NW	2	b	30.05	-0.3	56	54	+1	WSW	2	0	*	o, b, c, l, r	78	54	7.3	0.27	
	The Scaw (Skagen) ...	30.32	59	Z	0	b	30.26	-1.1	57	55	+2	SSE	1	b	0	b	70	52	*	-	
	Fanö ...	30.25	57	E	5	b	30.19	-1.1	57	52	-2	E	5	b	*	b	73	50	*	-	
	Cuxhaven ...	30.16	71	E	4	b	30.13	-1.0	59	54	+1	ESE	4	b	*	b	72	54	*	-	
	The Helder ...	30.02	70	E	1	b	29.96	-1.7	71	65	+5	ESE	2	b	0	b	79	66	*	-	
	Brussels ...	*	*	*	*	*	29.99	-0.7	57	57	-9	NW	1	f	*	0	86	56	*	-	
	Berlin ...	30.15	75	NE	3	b	30.16	-0.5	69	62	+3	E	2	b	*	b	84	61	*	-	
FRANCE.	Frankfurt ...	30.00	78	E	2	b	30.02	-0.3	74	62	-1	ENE	2	b	*	b	91	64	*	-	
	Munich ...	30.10	66	NE	3	b	30.06	-0.4	62	57	-6	E	2	b	*	b	81	50	*	-	
	C. Gris Nez ...	?	59	E	2	b	30.05	?	55	55	0	SW	5	0	4	b	63	54	*	1.18	
	Brest ...	30.10	56	S	4	0	30.12	+1.7	54	53	-3	S	3	c	4	0	61	54	*	-	
	Lorient ...	30.16	60	SW	3	c	30.17	+1.5	58	57	-1	WSW	2	c	3	c	66	54	*	-	
	Rochefort ...	30.13	64	NNW	3	c	30.17	+1.3	60	58	-2	N	3	b	*	c	75	55	*	-	
	Biarritz ...	30.15	67	NNW	1	bc	30.17	+0.9	59	57	-4	SW	3	b	1	bc	75	57	*	-	
	Paris ...	30.03	77	NW	3	0	30.09	+0.5	55	54	-9	WNW	3	0	*	0	82	55	*	0.39	
SPAN. PEN.	Belfort ...	29.89	73	SW	4	m	30.01	+0.2	62	59	-5	WSW	3	0	*	m	86	55	*	-	
	Lyons ...	29.95	73	NW	2	0	30.08	+0.5	63	55	-6	N	2	b	*	o, c, l, r	87	56	*	1.42	
	Nice ...	29.94	73	SW	1	bc	29.99	-0.1	67	62	-4	Z	0	b	2	bc	81	61	*	-	
	Perpignan ...	30.01	74	NW	2	b	30.04	-0.1	69	57	+5	NW	3	0	*	b	81	64	*	-	
SPAN. PEN.	Corunna ...																				
	Lisbon ...	30.23	60	W	2	b	30.20	+0.1	61	56	-1	N	4	b	*	b	68	55	*	-	
	Azores (P. Delgada) ...																				

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR *Wednesday, 4th June, 1902*

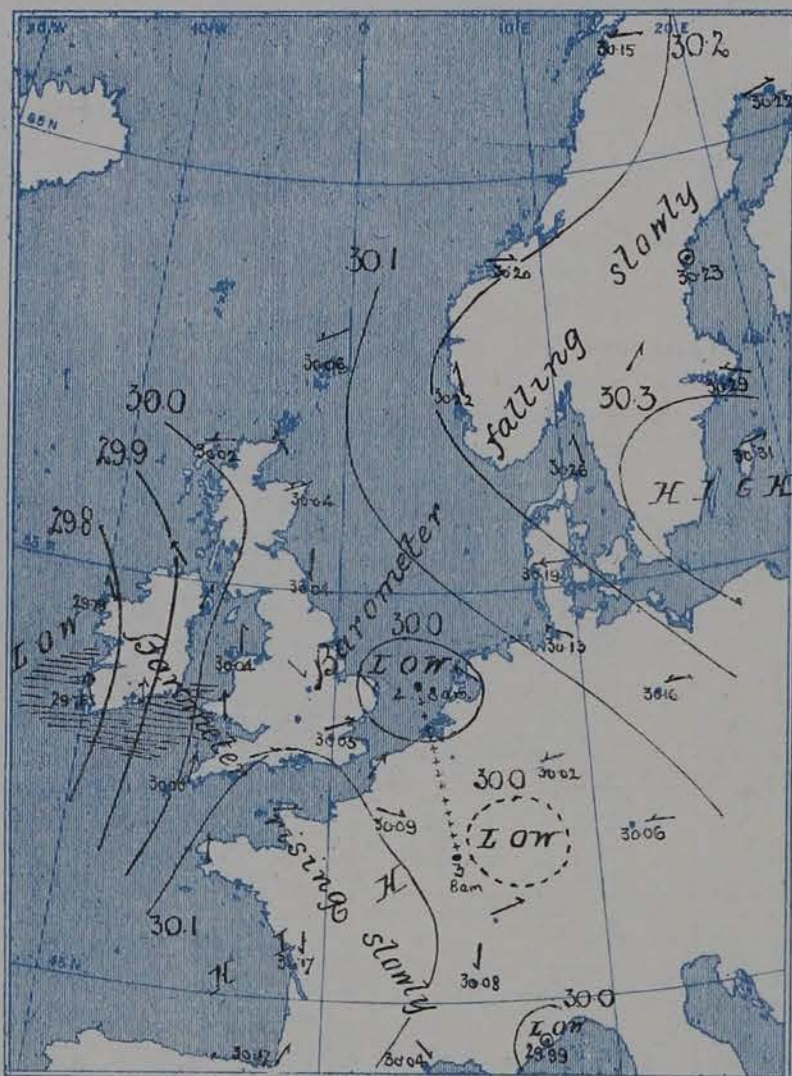
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High



II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.8



III. BAROMETER AND WIND

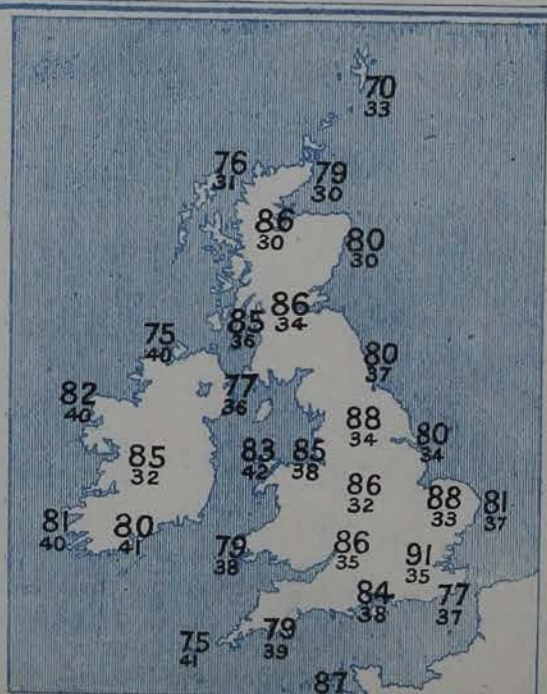
Yesterday morning.



IV. EXTREMES OF TEMPERATURE in month of JUNE (1871-1900)

Specimen { Highest Max, 80
(for Shields) { Lowest Min, 37

Malin Head & Blacksod Bay Muller Values are for only 45 Yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

MAY-JUNE (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The distribution of pressure this morning is very complex, especially over the Continental Countries and the North Sea; the readings vary from 30.31 ins. at Wisby and 30.17 ins. over the South West of France, to 29.76 ins. at Valencia and below 30.00 ins. in two shallow depressions lying over the Downs and the West of Germany.

WIND

There is a moderate breeze from South and South East over Ireland, Wales, and the West of England and Easterly airs are reported in Scotland. Elsewhere the wind varies greatly both in direction and force, but mainly Easterly over Germany.

TEMPERATURE

Temperature has changed but little and fitfully; the present readings vary from 74° at Frankfurt, 71° at the Helder, and 70° at Stockholm to 56° in the North West of Ireland, 47° at Aberdeen and 45° at Haparanda. Its distribution is not very irregular, and in our Islands the Northern readings are still rather below the average.

WEATHER

The weather is very unsettled - cloudy and showery in many places, with thunder in the East of England.

AND

The sea is rather rough off our South West coasts, moderate to slight elsewhere.

SEA

Since yesterday rain has fallen in very many parts of the Kingdom, and thunderstorms are reported from the South East and Eastern stations, that in London occurred very early in the morning. Bright Sunshine exceeded 12 hrs. at Littlestone and Hastings, and amounted to 14 hrs. at Jersey; elsewhere it was not so abundant and at Aberdeen there was none.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Very changeable close weather is probable, with rain and thunder at times, especially over England; the wind will be light and varying in direction

FORECASTS *

For the 24 hours ending at NOON on June 5th

1902

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	E ^{ly} to S ^{ly} breezes, light: rainy, thundery, close.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Very variable airs: mild, close weather. Occasional rain and thunder.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	



DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	SE ^{ly} and E ^{ly} winds, moderate; occasional rain. Unsettled.
7	ENGLAND N.W.	
8	ENGLAND S.W.	Same as N° 10.
9	IRELAND NORTH	Same as N° 6 and 7
10	IRELAND SOUTH	S ^{ly} and SW ^{ly} winds, moderate: showery.

WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.						
	Bar. Ins.	Temp. °	Wind.	Weather	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine Hrs.	Rainfall Ins.	
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °			
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	qtlr	*	b,tlr	68	56	11.6	0.17
Newton Reigny (Pea- rith)	30.02	67	SE	m	30.04	-07	59	55	+5	NNE 1	cm	*	cm	70	46	8.5	-	
Bath	30.08	67	SE 3	b	30.09	+03	56	54	-3	W 1	o	*	b	71	55	10.6	-	

Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	atlr	*	b,tlr	68	56	11.6	0.17
Newton Reigny (Penrith)	30.01	67	SE 1	m	30.04	-0.7	59	55	+5	NNE 1	cm	*	cmt	70	46	8.5	-
Bath	30.08	67	SE 3	b	30.09	+0.3	56	54	-3	W 1	o	*	b	71	55	10.6	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			

Harrogate, up to 6 p.m. ...	69	43	m, o, b	7.0	0.02	Worthing	*	*	*	9.5	*
Birmingham, 9 p.m. ...	72	51	c	8.3	-	Llandudno	*	*	*	12.1	-
Lowestoft, up to 6 p.m. ...	60	51	c	10.3	-	Rhyl up to 6 p.m. ...	*	*	*	9.5	-
Hastings	*	*	*	13.0	*	Southport, 9 p.m. ...	72	48	o, c, b	8.6	-
Eastbourne up to 6 p.m. ...	*	*	*	8.5	*	Manchester, 9 p.m. ...	78	52	b	7.0	-
Brighton	*	*	*	8.5	*	Darwen, 9 p.m. ...	67	48	o	7.2	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN. (measured at 7 a.m.)
	Max.	Min.				at 1 p.m.	°		

Marseilles	79	56	b	b	Ins.	Geneva	75	b	Ins.
Utrecht	73	55	c	b	-	Berne	81	b	-
Copenhagen	63	50	f.	b	-	Lucerne	82	b	-
Prague	86	64	bc	b	-	Lausanne	?	?	-
Vienna	82	63	b	o	-	Lugano	79	b	-
Buda-Pesth	82	64	b	b	-	Locarno	?	?	-
St. Petersburg	55	43	c	c	-				
Rome	86	60	b	b	-				
Malta	72	66	?	o	-				
Madeira (Funchal) ...	66	50	b	b	-				

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	4 June 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.

British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.	Yarmouth	3.35	11.57	8.7
Germany, Denmark, Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	3.48	11.58	8.8
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	3.14	12.10	9.7
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia	4.26	12.39	8.52
Portugal	8 a.m. (Lisbon)	8.36 a.m.						

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Thursday 5th June 1902
 Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.		
		At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)			Max.	Min.				
																				Ins.	Ins.
SCANDINAVIA.	Haparanda ...	29.83	38	SSE	2	r	29.70	-52	45	41	0	NNW	6	0	*	r	48	37	*	0.04	
	Hernösand ...	29.92	52	Z	0	c	29.84	-39	55	47	0	W	4	6	*	c	63	43	*	0.08	
	Stockholm ...	30.09	61	W	2	b	29.84	-45	65	57	-5	N	2	6	*	b	79	50	*	-	
	Wisby ...	30.13	54	SW	2	b	29.89	-42	54	47	-5	SW	2	6	*	b	66	39	*	-	
	Karlstad ...	30.02	63	WSW	2	b	29.88	-41	60	54	+2	WSW	2	6	*	b	*	*	*	-	
	Färder (X'ania Fjord)	30.08	61	SW	2	b	29.88	-39	57	53	-1	NNE	2	6	1	b	63	54	*	-	
	Bodö ...	29.93	42	W	4	r	30.05	-10	42	38	-4	N	4	bc	2	r	48	39	*	-	
	Christiansund ...	30.17	51	NE	2	f	30.09	-11	47	44	-13	ENE	5	0	4	f	60	45	*	0.39	
	Skudesnaes ...	30.08	60	Z	0	b	29.95	-27	60	55	+1	E	2	6	1	b	63	52	*	*	
	Sumburgh Head	29.97	50	NE	2	0	29.83	-23	50	49	+2	ENE	1	c	4	c, 0	54	46	*	-	
BRITISH ISLANDS.	Stornoway ...	29.95	51	Z	0	r	29.85	-17	52	51	+1	SE	1	0	1	o, r	62	49	6.6	0.05	
	Malin Head ...	29.82	62	SE	5	c	29.82	-06	52	51	-4	S	2	cp	2	c	65	50	*	0.01	
	Blacksod Pt. ...	29.81	54	SSW	5	emp	29.85	+06	53	52	-3	WSW	5	om	4	emp	58	52	*	0.08	
	Valencia ...	29.91	56	S	3	0	30.03	+27	54	51	-1	WSW	4	om	4	op, 0	59	51	2.7	0.10	
	Roche's Point ...	29.96	56	SW	4	c	30.02	+13	55	51	+1	W	4	c	4	c	57	51	*	0.02	
	Parsonstown ...	29.90	58	S	2	0	29.94	+05	52	51	-3	SW	3	ot	*	p, 0	63	50	5.5	0.02	
	Donaghadee ...	29.96	54	SSW	3	cm	29.91	-09	55	53	+3	SW	2	c	2	cm	59	50	*	-	
	Liverpool Obsy.	30.01	59	Z	0	0	30.00	-04	57	53	-1	SSW	3	b	3	m, 0	61	51	*	-	
	Holyhead ...	30.01	55	SW	4	cm	29.98	-06	52	51	-3	SSW	4	om	3	c, cm	60	49	*	-	
	Pembroke (St. Ann's)	30.02	54	SW	5	bc	30.02	+01	53	52	0	SW	5	ogu	5	bc	56	52	6.3	-	
GERMANY, &c.	Scilly (St. Mary's)...	30.05	58	SW	5	om	30.09	+09	55	53	0	WSW	4	0	3	cm, om	62	53	6.2	-	
	Jersey (St. Aubins)...	30.15	61	S	2	og	30.19	+04	56	53	0	WSW	3	om	3	eg, og	62	54	2.0	-	
	Portland Bill ...	30.11	55	SW	3	b	30.13	+01	53	53	0	WSW	3	c	3	o, b	58	52	*	-	
	Dungeness ...	30.08	57	W	4	bc	30.12	+10	55	54	-5	W	4	c	2	c, bc	62	52	*	0.03	
	Wick ...	29.93	48	SE	1	f	29.82	-20	49	49	+1	Z	0	r	0	f	50	46	*	0.22	
	Nairn ...	29.96	49	Z	0	r	29.84	-19	54	53	+4	W	1	c	1	r	56	46	*	0.29	
	Aberdeen ...	29.93	52	SW	1	ogm	29.84	-20	55	54	+8	ESE	1	ogm	1	op, ogm, r	57	46	0.1	0.35	
	Leith ...	29.97	55	ENE	1	r	29.89	-15	60	55	+12	SW	2	cm	*	r	60	47	*	0.06	
	North Shields ...	29.97	49	Z	0	op	29.94	-10	57	53	+10	WSW	3	c	2	bc, r, op	57	45	*	0.36	
	Spurn Head ...	30.00	54	SSW	2	m	30.01	-05	58	56	+5	WSW	3	bm	2	p, m	60	52	*	0.17	
FRANCE.	Yarmouth ...	29.97	64	W	4	c	30.00	+06	59	54	-1	W	4	c	3	bc, c	68	53	*	-	
	Loughborough ...	30.03	62	SW	1	0	30.05	-02	58	54	+2	WSW	3	cm	*	r, o, c, bc	62	50	*	0.09	
	Oxford ...	30.07	57	WSW	1	0	30.10	+04	57	54	+1	SW	2	0	*	ot	63	51	*	0.03	
	London (Brixton)	30.07	61	W	2	0	30.09	+04	58	54	+2	WSW	3	0	*	op, bc	63	53	0.1	0.09	
	The Scaw (Skagen)	30.09	64	SE	1	b	29.90	-36	57	56	0	SW	1	b	0	b	70	55	*	-	
	Fanö ...	30.02	62	ESE	4	b	29.89	-30	59	57	+2	SSW	2	m	*	b	75	57	*	-	
	Cuxhaven ...	29.99	74	E	3	b	29.94	-19	58	57	-1	W	3	f	*	bc, bc, r	73	57	*	0.08	
	The Helder ...	*	*	*	*	*	30.12	+13	57	54	0	W	2	c	*	0	68	47	*	-	
	Brussels ...	*	*	*	*	*	29.89	-27	73	65	+4	S	2	b	*	bc	58	61	*	0.16	
	Berlin ...	30.02	76	ESE	3	b	30.04	+02	61	57	-13	W	2	0	*	b	79	55	*	0.47	
PEN.	Frankfurt ...	29.95	71	NW	3	bc	30.04	+02	61	57	-13	W	2	0	*	b	79	55	*	-	
	Munich ...	30.05	60	SW	3	b	30.11	+05	59	57	-3	W	4	r	*	b	79	55	*	-	
	C. Gris Nez ...	30.12	54	SW	6	c	30.14	+09	53	52	-2	SW	4	f	3	c	64	50	*	0.04	
	Brest ...	30.17	57	SW	2	c	30.19	+07	55	54	+1	WSW	2	0	2	c	61	54	*	-	
	Lorient ...	30.21	59	WSW	3	c	30.21	+04	57	55	-1	WSW	2	c	2	c	66	55	*	-	
	Rochefort ...	30.17	64	NW	4	b	30.21	+04	60	58	0	NNW	2	0	*	b	68	55	*	-	
	Biarritz ...	30.20	63	W	3	c	30.23	+06	63	60	+4	W	1	b	1	c	68	59	*	-	
	Paris ...	30.15	64	NNW	2	b	30.20	+11	57	55	+2	?SE	2	0	*	b	67	49	*	0.32	
	Belfort ...	30.04	63	W	5	c	30.12	+11	57	54	-5	WSW	4	c	*	c	73	53	*	-	
	Lyons ...	30.19	60	NW	1	0	30.29	+12	57	54	+6	NW	1	0	*	0	69	55	*	0.04	
Nice ...	29.99	63	S	2	c	30.03	+04	64	62	-3	Z	0	f	1	c	81	59	*	-		
Perpignan ...	30.08	71	W	2	0	30.12	+08	66	58	-3	NW	2	bc	*	0	77	60	*	-		
PEN.	Corunna ...																				
	Lisbon ...	30.13	59	NNW	5	b	30.07	-13	65	55	+4	NNE	4	b	*	b	68	55	*	-	
Azores (P. Delgada)																					

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

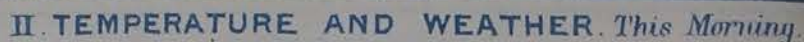
* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

FOR Thursday, 5th June, 1902

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 \rightarrow : Force 5 to 7 \rightarrow :
 Force 8 to 10 \rightarrow : Force 1 to 4 \rightarrow : } Calm \odot
 SEA.—Rough : High



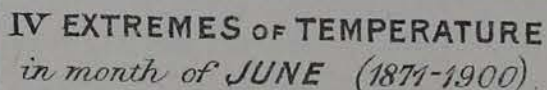
TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

RAINFALL.— { A dotted line separates areas where rain has fallen from those
without rain. The fall in past 24 hours when exceeding half
an inch is shown thus—0.6



Yesterday morning.



Specimen	Highest Max,	80
(for Shields)	Lowest Min,	37

Malin Head & Blacksod Belmullet Values are for only 15 Yrs



at 8 A.M. for the Two monthly period

MAY-JUNE (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The distribution of pressure over North-western Europe remains very complex, there is one high pressure area over France and the Bay of Biscay, another over the north-west of Norway, while in the 'col' which unites the two there are various shallow disturbances. Barometer readings now range from 30.23 in. at Biarritz and 30.09 in. at Christiansund, to 29.82 in. at Malin Head and 29.89 in. at Berlin.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind varies greatly in direction, but is nowhere strong in force; it is mainly W^{ly} to S^{ly} over Ireland and England, S.E^{ly} to E^{ly} in the north of Scotland and E^{ly} in the west of Norway. On the Continent there are other circulations of very slight intensity. Temperature has changed little and irregularly—in Scotland it has risen, and now differs very slightly from the average over the Kingdom generally. At Berlin it is as high as 73°. The weather is at present fair, but not settled, over England, dull in Scotland and showery in several parts of Ireland; in Sweden it is clear, but in South Germany rain is falling. The sea is moderate in the north and west, slight or smooth elsewhere.

Since yesterday the maximum temperatures recorded over England have not been nearly so high as those of Tuesday, but the night was warm. Showers of rain have fallen in many parts of Scotland, England and Ireland, but the Welsh stations do not report any. Thunder and lightning occurred in the east of Scotland. Bright sunshine was greatest (6 to 7 hrs.) at some of the western stations.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

This distribution of pressure and the changes in progress, are favourable for a continuance of the mild, changeable weather—viz. showers, separated by bright intervals.

FORECASTS *

For the 24 hours ending at NOON on 6th June, 1902

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

S.E^{ly} and S.W^{ly} winds, light, changeable, showery, perhaps thunder.

W^{ly} and S.W^{ly} winds, not settled, occasional showers, bright intervals.

DISTRICTS.

FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

Same as Nos. 0 and 1.

Same as Nos. 2 to 5.

S.W^{ly} winds, moderate, changeable, showery.

WARNINGS

None issued.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.									PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.	
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °			
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	b	*	lc, bc	65	54	3.8	0.08	
Newton Reigny (Penrith)	30.01	54	WSW2	0	29.95	-0.09	53	51	-6	S 2	0	*	cmr	62	47	2.8	0.04	
Bath	30.08	58	NNW2	0	30.10	+0.1	58	54	+2	W 1	0	*	0	65	51	0.4	0.01	

Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	b	*	lc, bc	65	54	3.8	0.08
Newton Reigny (Penrith) ...	30.01	54	WSW2	0	29.98	-0.09	53	51	-6	SW2	0	*	cmr	62	47	2.8	0.04
Bath	30.08	58	NNW2	0	30.10	+0.01	58	54	+2	W1	c	*	0	65	51	0.4	0.01

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			

Harrogate, up to 6 p.m. ...	64	50	o, c, 0	0.2	0.06	Worthing	*	*	*	2.9	*
Birmingham, 9 p.m. ...	63	51	0	0.0	-	Llandudno	*	*	*	3.0	*
Lowestoft, up to 6 p.m. ...	67	51	c	4.7	-	Rhyl up to 6 p.m. ...	*	*	*	4.5	*
Hastings	*	*	*	2.2	*	Southport, 9 p.m. ...	62	51	o, c	0.7	-
Eastbourne up to 6 p.m. ...	*	*	*	1.0	*	Manchester, 9 p.m. ...	70	51	ot	0.0	0.02
Brighton	*	*	*	2.5	*	Darwen, 9 p.m. ...	61	50	o, m, q	0.0	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 4 June	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 3 June	TEMPERATURE, F. at 1 p.m.		WEATHER.	RAIN. (measured at 7 a.m.)
	Max.	Min.				°	°		

Marseilles	81	57	b.	0	Ins.	Geneva	84	b	Ins.
Utrecht	91	63	c	bc	-	Berne	84	b	-
Copenhagen	64	48	b	b	-	Lucerne	82	b	-
Prague	84	63	bc	b	-	Lausanne	?	?	-
Vienna	77	57	b	b	-	Lugano	84	b	-
Buda-Pesth	84	59	c	bc	-	Locarno	?	?	-
St. Petersburg	59	41	b	b	-				
Rome	86	62	bc	b	-				
Malta	not recd								
Madeira (Funchal)	66	52	c	bc	-				

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corres- ponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corres- ponding Greenwich Times.
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British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

5 June, 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
---------------	-------------------	----------------	------------------

Yarmouth	h. m.	h. m.	h. m.
Greenwich	3.34	11.51	8.8
Wick	3.47	11.58	8.9
Valencia	3.13	12.10	9.8
	4.25	12.39	8.53

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Friday, 6th June, 1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours	Rainfall Ins.		
				At 32° and M.S.L.	Dry Bulb.		Direc.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.			Direc.	Force (0 to 12.)			Max.	Min.
SCANDINAVIA.	Haparanda ...	29.84	39	N	4	0	29.77	+ .07	37	36	- 8	N	4	0	0	50	39	*	-		
	Hernösand ...	29.82	45	Z	0	0	29.84	0	40	37	- 15	Z	0	0	0	63	40	*	0.04		
	Stockholm ...	29.78	53	SE	2	0	29.65	- .19	49	43	- 16	SE	2	0	0	68	50	*	-		
	Wisby ...	29.78	51	SE	4	0	29.61	- .28	48	45	- 6	NE	4	0	0	73	43	*	-		
	Karlstad ...	29.69	66	NE	2	0	29.54	- .34	57	50	- 3	E	4	0	0	*	*	*	-		
	Färder (X'ania Fjord) ...	29.70	59	SSW	2	0	29.48	- .40	54	52	- 3	E	2	0	0	63	54	*	-		
	Bodö ...	29.98	40	N	4	0	29.92	- .13	40	35	- 2	N	4	0	0	43	39	*	-		
	Christiansund ...	29.89	45	NE	8	0	29.74	- .35	43	38	- 4	NE	8	0	0	50	41	*	-		
BRITISH ISLANDS.	Skudesnaes ...	29.73	61	NNW	4	0	29.51	- .44	53	51	- 7	SW	2	0	0	68	52	*	-		
	Sumburgh Head ...	29.74	49	NE	4	0	29.63	- .20	46	43	- 4	NE	3	0	0	53	45	*	0.01		
	Stornoway ...	29.81	56	ESE	1	0	29.68	- .17	52	51	0	Z	0	0	0	65	47	7.9	-		
	Malin Head ...	29.84	51	SW	5	0	29.73	- .09	54	52	+ 2	SW	3	0	0	60	49	*	0.16		
	Blacksod Pt. ...	29.96	54	SW	5	0	29.72	- .13	53	53	0	SW	5	0	0	56	51	*	0.08		
	Valencia ...	30.08	55	SSW	2	0	29.86	- .17	54	54	0	SW	6	0	0	57	51	0.3	0.41		
	Roche's Point ...	30.06	57	W	4	0	29.85	- .17	57	55	+ 2	WSW	5	0	0	61	52	*	0.12		
	Parsonstown ...	30.01	56	WSW	4	0	29.80	- .14	52	51	0	S	1	0	0	58	50	1.6	0.18		
GERMANY, &c.	Donaghadee ...	29.91	59	NW	2	0	29.80	- .11	52	51	- 3	WSW	2	0	0	62	50	*	0.33		
	Liverpool Obsy. ...	29.97	55	SW	3	0	29.84	- .16	52	50	- 5	SW	1	0	0	61	52	*	0.05		
	Holyhead ...	29.98	53	SW	4	0	29.85	- .13	51	51	- 1	WSW	3	0	0	58	50	*	0.04		
	Pembroke (St. Ann's) ...	30.06	53	W	6	0	29.89	- .13	52	51	- 1	SW	4	0	0	56	51	10.6	0.15		
	Scilly (St. Mary's) ...	30.16	57	W	3	0	30.01	- .08	56	55	+ 1	WSW	4	0	0	63	53	7.1	0.02		
	Jersey (St. Aubins) ...	30.19	56	W	3	0	30.01	- .12	51	51	- 2	WSW	4	0	0	57	50	*	0.01		
	Portland Bill ...	30.11	54	WSW	5	0	30.01	- .12	51	51	- 2	WSW	4	0	0	57	50	*	0.01		
	Dungeness ...	30.10	55	W	5	0	30.00	- .12	55	54	0	W	5	0	0	60	49	*	-		
FRANCE.	Wick ...	29.77	53	NW	3	0	29.64	- .18	53	51	+ 4	N	4	0	0	55	48	*	0.10		
	Nairn ...	29.79	59	Z	0	0	29.66	- .18	56	53	+ 2	W	1	0	0	66	49	*	0.03		
	Aberdeen ...	29.76	56	N	2	0	29.64	- .20	57	52	+ 2	WNW	3	0	0	66	52	5.8	0.01		
	Leith ...	29.82	59	WSW	2	0	29.69	- .20	59	53	- 1	WSW	3	0	0	64	50	*	0.01		
	North Shields ...	29.88	60	SW	2	0	29.73	- .21	55	52	- 2	WSW	3	0	0	63	50	*	-		
	Spurn Head ...	29.94	58	WSW	5	0	29.81	- .20	55	52	- 3	WSW	5	0	0	63	52	*	-		
	Yarmouth ...	29.98	63	WSW	3	0	29.86	- .14	58	54	- 1	WNW	4	0	0	65	52	*	-		
	Loughborough ...	29.99	59	W	4	0	29.89	- .16	54	51	- 4	WSW	3	0	0	66	52	*	-		
SPAN. PEN.	Oxford ...	30.06	54	WSW	3	0	29.94	- .16	53	51	- 4	SW	2	0	0	64	51	*	-		
	London (Brixton) ...	30.05	63	WSW	3	0	29.96	- .13	56	53	- 2	WSW	2	0	0	66	49	4.4	-		
	The Scaw (Skagen) ...	29.69	65	SE	1	0	29.51	- .39	53	51	- 4	W	5	0	0	70	50	*	-		
	Fanö ...	29.86	55	W	6	0	29.70	- .19	55	52	- 4	W	4	0	0	61	52	*	-		
	Cuxhaven ...	29.93	56	W	5	0	29.80	- .14	56	54	- 2	WSW	4	0	0	59	54	*	0.04		
	The Helder ...	29.99	55	WSW	1	0	29.85	- .12	55	53	- 2	W	2	0	0	59	54	*	-		
	Brussels ...	30.00	61	W	4	0	29.86	- .03	61	56	- 12	W	3	0	0	66	54	*	-		
	Berlin ...	29.87	67	W	4	0	29.86	- .03	61	56	- 12	W	3	0	0	84	55	*	0.08		
SPAN. PEN.	Frankfurt ...	30.07	60	NW	2	0	30.00	- .04	62	54	+ 1	SW	2	0	0	72	55	*	0.04		
	Munich ...	30.15	56	Z	0	1	30.07	- .04	59	55	0	W	2	0	0	64	52	*	0.08		
	C. Gris Nez ...	30.10	53	SW	4	0	30.02	- .12	53	53	0	SW	5	0	0	57	50	*	-		
	Brest ...	30.22	59	WNW	1	0	30.14	- .05	54	53	- 1	WNW	1	0	0	63	52	*	-		
	Lorient ...	30.21	61	W	3	0	30.17	- .04	54	54	- 3	NW	1	0	0	68	50	*	-		
	Rochefort ...	30.18	63	NW	3	0	30.13	- .08	59	57	- 1	WNW	3	0	0	68	54	*	-		
	Biarritz ...	30.23	64	WNW	2	0	30.20	- .03	61	56	- 2	Z	0	0	0	68	57	*	-		
	Paris ...	30.16	63	NW	2	0	30.12	- .08	55	52	- 2	WNW	2	0	0	68	46	*	-		
SPAN. PEN.	Belfort ...	30.06	66	WSW	2	0	30.03	- .09	58	55	+ 1	WSW	3	0	0	72	52	*	0.04		
	Lyons ...	30.05	66	N	1	0	30.09	- .11	60	51	+ 3	N	1	0	0	72	53	*	-		
	Nice ...	30.00	64	Z	0	0	29.94	- .09	61	59	- 3	S	1	0	0	70	55	*	-		
	Perpignan ...	30.05	77	N	1	0	30.07	- .05	70	60	+ 4	NW	3	0	0	82	61	*	-		
SPAN. PEN.	Corunna ...																	*	-		
	Lisbon ...																	*	-		
SPAN. PEN.	Azores (P. Delgada) ...																	*	-		
																		*	-		

Erratum:— In "Additions and Corrections" for April, 1902, on 29th, for "Newton Reigny" read "Azores (P. Delgada)".

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR Friday 6th June, 1902

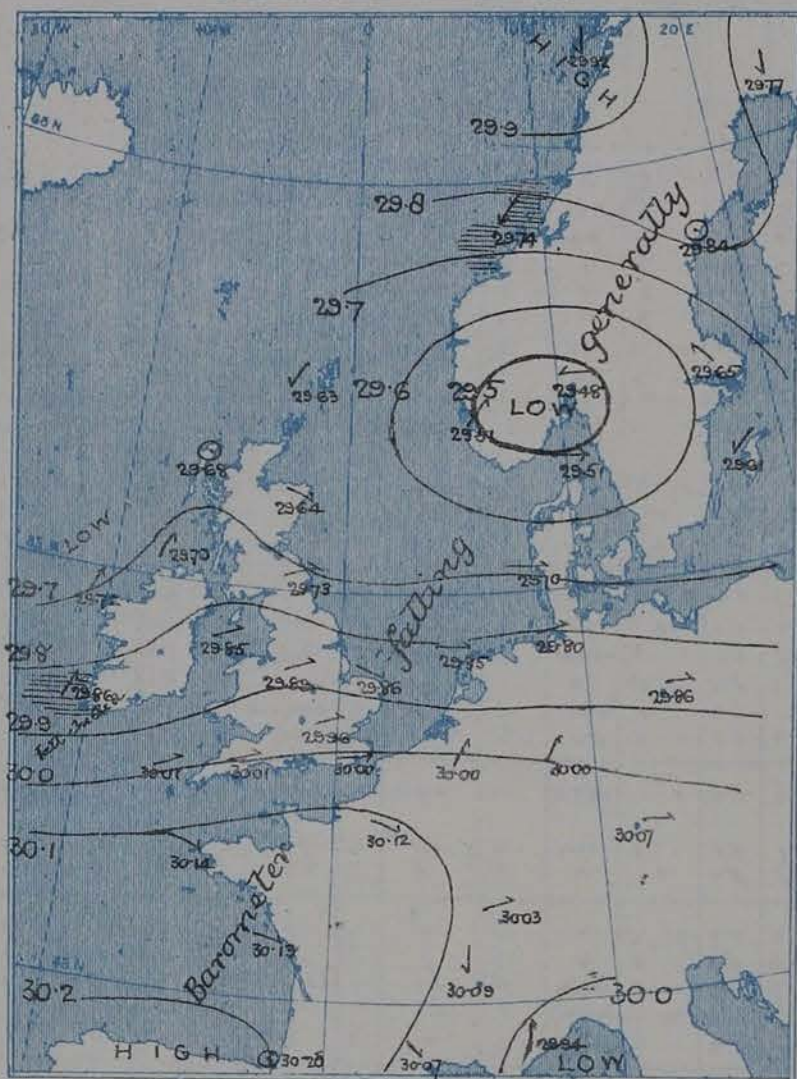
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High

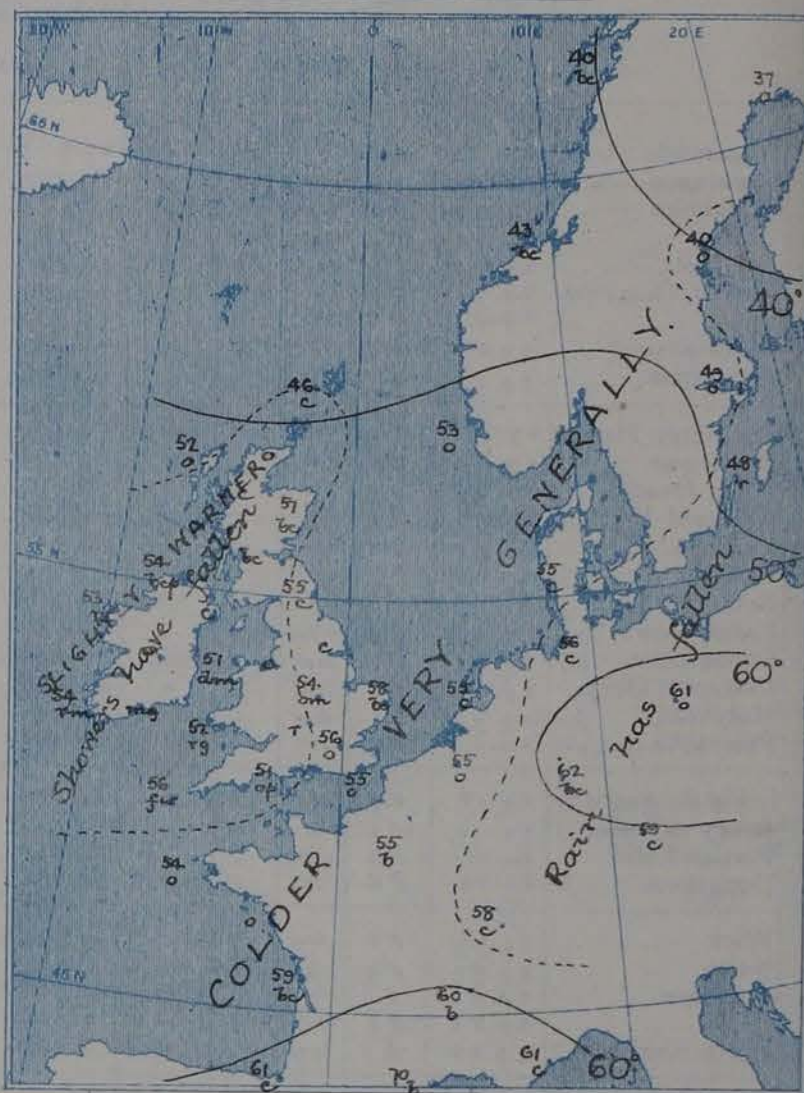


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.8



III. BAROMETER AND WIND

Yesterday morning.



IV. EXTREMES OF TEMPERATURE in month of JUNE (1871-1900)

Specimen { Highest Max, 80
(for Shields) { Lowest Min, 37
Malin Head & Blacksod Belmullet Values are for only 45 Yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period
MAY-JUNE (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The distribution of pressure over our Islands is becoming increasingly complex. There are still two areas of high pressure; one is over the Bay of Biscay and France, the other over the northwest of Norway and Fairmark; and the depressions between them are larger and deeper than those shown yesterday. Readings range from 30.20 ins. at Biarritz and 29.92 ins. at Bodø, to 29.48 ins. at Faerøer and 29.72 ins. at Blackhead Point.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is variable; there is a Northeasterly gale in the west of Norway, a moderate to strong Southerly wind over Ireland and England and a light Southerly to Westerly breeze over France and Germany. Between these two main currents the wind is variable and cyclonic. Temperature is falling over England; it ranges from 59° at Leith to 52° at Stormoway, Paterson and Bath and is therefore rather above the average in Scotland, rather below in the more southern regions. At Berlin the thermometer stands at 61° or twelve degrees lower than it did yesterday morning. Weather is at present fair at most of the Continental stations and in Scotland, dull and rainy over Ireland and England. Sea is rather rough at Valencia, moderate at many other western stations, slight or smooth elsewhere. The maximum temperatures yesterday touched 66° at several stations in Great Britain and reached 72° at Harrogate and Belfort. Rain fell except in the east, and also in Germany. Bright sunshine amounted to 10 hours or more at Harrogate and Belfort, but was much less continuous elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is no indication of any permanently "settled" weather at present, but rather of strong winds, lower temperatures and much rain.

FORECASTS*

For the 24 hours ending at NOON on JUNE 7TH 1902

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	Southeasterly and Southerly winds, increasing in force, with rain. Some Thunder.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	Southwesterly and Westerly winds, becoming strong; squally, rainy. Thunder locally.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	Same as Nos. 0 and 1.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	Same as Nos. 2 to 5.
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH	

WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.		Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*			*	0	*	c, 2a	64	50	4.8	-
Newton Reigny (Penrith)	29.90	54	SW 3	0	29.78	52	50		WSW 2	0	*	cgm, or	59	49	3.0	0.01
Bath	30.08	58	W 5	3	29.97	52	50		SW 3	0	*	3	63	51	6.3	0.02

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m.	62	47	3c	10.0	0.02	Worthing	*	*	*	6.0	*
Birmingham, 9 p.m.	65	47	c	5.0	-	Llandudno	*	*	*	5.5	*
Lowestoft, up to 6 p.m.	66	52	c	3.1	-	Rhyl up to 6 p.m.	*	*	*	4.0	*
Hastings	*	*	*	5.3	*	Southport, 9 p.m.	62	46	cov	5.7	0.01
Eastbourne up to 6 p.m.	*	*	*	4.4	*	Manchester, 9 p.m.	69	49	or	5.0	-
Brighton	*	*	*	4.9	*	Darwen, 9 p.m.	60	45	or	5.5	0.04

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 5 JUNE	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 4 June - p2	TEMPERATURE, F. at 1 p.m.		WEATHER.	RAIN. (measured at 7 a.m.)
	Max.	Min.							
Marseilles	72	57	r c	0.09	Geneva	75	6c	-	Ins.
Utrecht	79	55	bc	0	Berne	75	0	-	-
Copenhagen	66	52	b b	-	Lucerne	77	0	-	-
Prague	86	63	bc bc	-	Lausanne	?	?	0.04	-
Vienna	81	59	bc bc	-	Lugano	72	0	0.47	-
Buda-Pesth	*	*	*	-	Locarno	?	?	0.32	-
St. Petersburg	57	43	o r	0.08					
Rome	80	64	b o	-					
Malta	70	66	? bc	-					
Madeira (Funchal)	66	52	bc bc	-					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

G. V. 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3.34	11.51	8.9
Greenwich	3.47	11.58	8.9
Wick	3.12	12.10	9.9
Valencia	4.25	12.39	8.54

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " £1 10 0 " " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

SATURDAY 7TH JUNE

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.		BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.			
		At 82° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	Weather.	At 82° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Weather.			Max.	Min.					
																					Ins.	Ins.	"
SCANDINAVIA.	Haparanda ...	29.71	40	N	4	c	29.75	-0.02	42	37	+5	N	2	o	*	c	48	36	*	-			
	Hernösand ...	29.78	37	Z	0	bc	29.81	-0.03	42	37	+2	Z	0	o	*	bc	48	36	*	-			
	Stockholm ...	29.64	41	NE	4	o	29.87	+0.22	46	42	-3	NE	2	o	*	o	54	39	*	0.04			
	Wisby ...	29.56	44	NE	4	r	29.79	+0.18	46	45	-2	E	4	r	*	r	61	36	*	0.63			
	Karlstad ...	29.60	43	ENE	2	r	29.65	+0.11	44	40	-13	ENE	2	r	*	r	*	*	*	0.04			
	Færder (X'ania Fjord) ...	29.50	45	NE	5	r	29.60	+0.12	41	39	-13	ENE	6	r	3	r	57	39	*	0.20			
	Bodö ...	29.83	38	N	4	c	29.75	-0.17	43	38	+3	NE	4	bc	2	c	45	37	*	-			
	Christiansund ...	29.55	50	NE	7	b	29.60	-0.14	52	44	+9	ESE	4	b	4	b	52	43	*	-			
	Skudesnaes ...	29.41	52	SSW	4	o	29.49	-0.02	51	49	-2	S	6	o	3	o	54	50	*	*			
	Sumburgh Head ...	29.56	45	NE	4	c	29.43	-0.20	47	44	+1	NE	4	o	6	g	50	42	*	-			
BRITISH ISLANDS.	Stornoway ...	29.58	51	E	3	o	29.63	-0.05	46	43	-6	ENE	5	o	5	r, o	55	42	1.1	0.07			
	Malin Head ...	29.59	52	W	5	cp	29.53	-0.20	49	48	-5	NW	4	cp	3	c, cp	58	43	*	0.22			
	Blackisd Pt. ...	29.67	51	W	5	comp	29.67	-0.05	52	51	-1	NNW	6	comp	5	b, comp	56	48	*	0.13			
	Valencia ...	29.83	53	WSW	4	c	29.75	-0.11	53	51	-1	NW	6	p	5	c	55	50	4.4	0.17			
	Roche's Point ...	29.79	56	NW	4	c	29.65	-0.20	54	50	-3	N	6	bc	5	o, c	60	47	*	0.03			
	Parsonstown ...	29.72	55	W	6	c	29.62	-0.16	51	47	-1	?	5	o	*	o, r, c	59	47	5.1	0.07			
	Donaghadee ...	29.61	52	W	2	comp	29.51	-0.29	50	48	-2	NW	2	bc	2	comp	62	45	*	0.08			
	Liverpool Obsy. ...	29.63	52	SW	1	p	29.47	-0.37	47	46	-5	SE	1	o	?	cp	55	46	*	0.24			
	Holyhead ...	29.65	54	W	2	cpf	29.43	-0.42	48	47	-3	NW	3	rm	2	o, cpf	55	46	*	0.54			
	Pembroke (St. Ann's) ...	29.73	53	WSW	5	c	29.54	-0.35	51	47	-1	W	6	cu	5	c, qp	54	49	0.3	0.10			
GERMANY, &c.	Scilly (St. Mary's) ...	29.83	55	W	4	m	29.70	-0.31	53	52	-3	WNW	6	cg	4	m	57	52	0.0	0.23			
	Jersey (St. Aubins) ...	29.80	53	WSW	6	rm	29.64	-0.37	51	49	0	W	5	b	5	comp, rm	53	50	*	0.13			
	Portland Bill ...	29.74	53	W	7	r	29.62	-0.38	57	53	+2	NNW	5	bc	2	r	57	51	*	0.05			
	Dungeness ...	29.74	53	W	7	r	29.62	-0.38	57	53	+2	NNW	5	bc	2	r	57	51	*	0.05			
	Wick ...	29.54	46	N	2	o	29.54	-0.10	45	43	+8	N	3	o	2	o	53	43	*	0.08			
	Nairn ...	29.53	52	NE	1	o	29.57	-0.09	48	44	-8	NE	2	c	2	o	60	42	*	0.19			
	Aberdeen ...	29.55	47	ENE	2	org	29.52	-0.12	47	42	-10	NNW	2	c	2	o, org	60	43	0.8	0.15			
	Leith ...	29.54	57	SW	2	o	29.52	-0.17	45	44	-14	ENE	2	r	*	o	64	44	*	0.61			
	North Shields ...	29.57	59	WSW	2	o	29.43	-0.30	47	46	-8	WNW	3	p	3	c, o, r	62	45	*	0.21			
	Spurn Head ...	29.63	53	SSW	3	c	29.46	-0.35	53	49	-2	W	5	bc	4	c	60	48	*	0.06			
FRANCE.	Yarmouth ...	29.65	57	WSW	2	cp	29.51	-0.35	55	50	-3	W	4	bc	2	r, cp	60	49	*	0.12			
	Loughborough ...	29.66	55	WSW	1	o	29.52	-0.37	53	48	-1	WSW	3	cu	*	o, p, c, bc	58	44	*	0.04			
	Oxford ...	29.68	55	WSW	3	o	29.56	-0.38	53	48	0	WSW	3	c	*	o, p	57	45	*	0.18			
	London (Brixton) ...	29.71	57	WSW	3	o	29.58	-0.38	55	48	-1	W	3	b	*	o, r, c, b	59	47	0.0	0.22			
	The Scaw (Skagen) ...	29.44	51	W	3	o	29.48	-0.03	53	51	0	S	1	c	0	o	55	50	*	0.28			
	Fanö ...	29.57	52	WSW	6	r	29.51	-0.19	52	50	-3	WSW	3	o	*	r	57	50	*	0.16			
	Cuxhaven ...	29.69	55	W	5	r	29.53	-0.27	56	53	0	WSW	1	c	*	r	57	52	*	0.20			
	The Helder ...	29.68	52	WSW	2	o	29.48	-0.37	53	52	-2	W	2	o	1	o	57	50	*	0.16			
	Brussels ...	*	*	*	*	*	29.62	-0.38	53	53	-2	W	1	r	*	r	65	53	*	0.43			
	Berlin ...	29.74	60	W	5	c	29.61	-0.25	56	54	-5	SW	2	r	*	c	70	52	*	0.04			
SPAN. PEN.	Frankfurt ...	29.82	61	SW	2	o	29.67	-0.33	57	56	-5	SW	2	r	*	o	70	55	*	0.16			
	Munich ...	29.93	56	W	4	o	29.86	-0.21	60	53	+1	W	5	bc	*	o	66	52	*	0.04			
	C. Gris Nez ...	29.78	53	SW	7	r	29.55	-0.47	52	51	-1	SW	5	o	5	r	57	50	*	0.43			
	Brest ...	29.99	56	WNW	3	o	29.84	-0.30	52	51	-2	NW	3	o	3	o	59	52	*	0.08			
	Lorient ...	30.02	60	W	3	c	29.82	-0.35	56	56	+2	W	5	r	5	c	63	54	*	0.04			
	Rochefort ...	30.04	60	NW	4	c	29.92	-0.21	61	59	+2	WSW	4	o	*	c	64	54	*	-			
	Biarritz ...	30.12	63	N	3	b	30.05	-0.15	60	57	-1	SSE	2	b	*	b	64	54	*	-			
	Paris ...	29.92	63	WSW	3	o	29.74	-0.38	55	54	0	SW	3	o	*	o	68	55	*	0.16			
	Belfort ...	29.88	62	W	5	o	29.81	-0.22	55	51	-3	W	6	o	*	o	68	51	*	-			
	Lyons ...	?	53	NE	1	b	29.93	-0.16	61	55	+1	ENE	1	c	*	b	72	53	*	-			
Nice ...	29.84	62	S	1	o	29.82	-0.12	60	59	-1	Z	0	o	2	o	72	54	*	-				
Perpignan ...	29.94	74	NW	4	b	29.95	-0.12	65	57	-5	W	2	b	*	b	79	56	*	-				
Corunna ...																		*	-				
Lisbon ...	29.96	75	NNW	4	b	29.97	-0.02	74	64	+2	SSE	2	b	*	b	86	68	*	-				
Azores (P. Delgada) ...																		*	-				

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page

WEATHER CHARTS

FOR Saturday 7th June, 1902

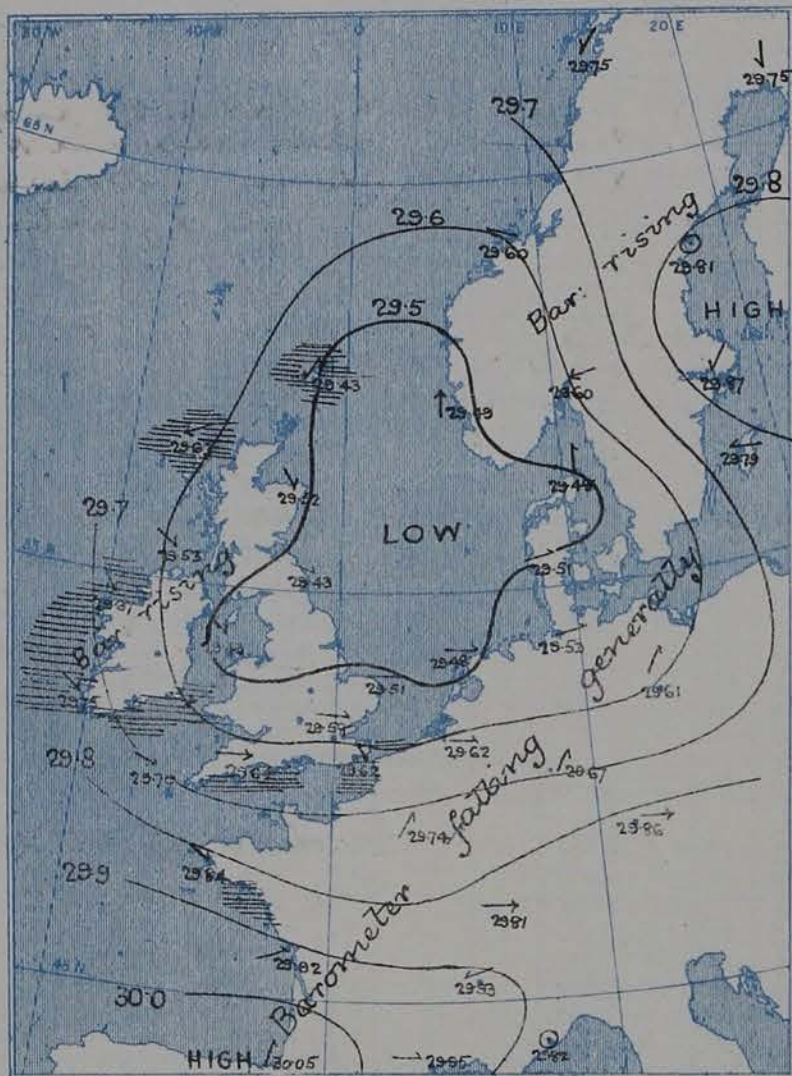
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ⊙
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High



II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III. BAROMETER AND WIND

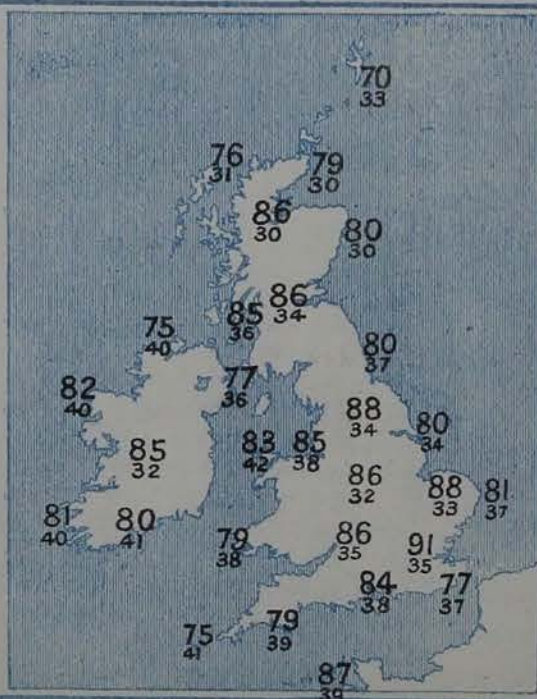
Yesterday morning.



IV. EXTREMES OF TEMPERATURE in month of JUNE (1871-1900)

Specimen { Highest Max, 80
(for Shields) { Lowest Min, 37

Malin Head & Blacksod Belmullet Values are for only 15 Yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

MAY-JUNE (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

A depression of a very complex form has now reached the North Sea. Its central area is of considerable size, and this morning's readings range from 30.05 in. at Biarritz and 29.87 in. at Stockholm, to 29.43 in. at Holyhead and North Shields. The barometer is now rising decidedly in the extreme north-west and west.

WIND

TEMPERATURE

WEATHER

AND

SEA

The winds are now N.E.^{ly} to N.^{ly} in Scotland, N.W.^{ly} to N.^{ly} and strong, over Ireland, and W.^{ly} over England; they are W.^{ly} moderate, over France and E.^{ly} to N.^{ly} over Scandinavia. Temperature has fallen rather ^{fast} in Scotland, moderately over England and slightly in Ireland; it now ranges, in our Islands, from 57° at Dungeness and 54° at Rock's Point to 45° at Leith. These values are all below the average, but especially in the north. The highest value reported is 61° at Lyons and the lowest 41° at Fardar. The weather is very changeable - cloudy at present and very unsettled - looking in several parts of England. The sea is rough in all exposed regions, smooth at present in the east.

During yesterday rain fell except in the extreme north and west of Norway, the largest amount being 0.61 in. at Leith. The maximum temperatures were all low for the time of year (59° to 55° over England). Bright sunshine amounted to 5 hours at Stornoway; in England there was hardly any.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The wind is likely to become N.W.^{ly} and N.^{ly} in the rear of the disturbance referred to above; temperature will be temporarily low, but probably the rain will decrease.

FORECASTS *

For the 24 hours ending at NOON on 8th June, 1902

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

NE^{ly} and N^{ly} winds, strong; colder, but less rain.

W^{ly} to N^{ly} winds, strong; showery, colder.

DISTRICTS.

FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH


Same as Nos. 0 to 2.


N.W.^{ly} and N^{ly} winds, strong to moderate; showery, inclement.

NE^{ly} and N^{ly} winds, moderating in force; less rainy, Temperature low.

WARNINGS

None issued.

Note.—The South Cone, point downwards (), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.				
	Bar.	Temp.	Wind.	Weather.	Barometer.	Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun-	Rainfall
	Ins.	°			Ins. Change.	Dry.	Wet.	Change.					Max.	Min.	shine.	Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	bc	*	c, o	58	50	2.1	0.24
Newton Reigny (Penrith) ...	29.58	54	SSW 2	o	29.49 - .29	48	46	- 4	NW 2	c	*	om, cr	60	39	2.7	0.17
Bath	29.74	55	SS	o	29.56 - .41	52	48	o	SW 3	o	*	o	58	44	0.0	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	62	50	o, c	0.6	-	Worthing	*	*	*	0.0	*
Birmingham, 9 p.m. ...	57	49	c	0.0	0.22	Llandudno up to 6 p.m. ...	*	*	*	0.7	*
Lowestoft, up to 6 p.m. ...	61	50	o	2.0	0.17	Rhyl up to 6 p.m. ...	*	*	*	1.0	*
Hastings	*	*	*	0.0	*	Southport, 9 p.m. ...	58	51	q, r, u	3.0	0.14
Eastbourne up to 6 p.m. ...	*	*	*	0.0	*	Manchester, 9 p.m. ...	61	51	o, u, r	0.0	0.16
Brighton up to 6 p.m. ...	*	*	*	0.0	*	Darwen, 9 p.m. ...	55	47	om, b, r	0.5	0.15

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 6 . VI . 02	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 5 . VI . 02	TEMPERATURE, F. at 1 p.m.		WEATHER.	RAIN. (measured at 7 a.m.)
	Max.	Min.				°	°		
Marseilles	72	54	o	b	Geneva	68	60	bc	0.35
Utrecht	66	52	c	o	Berne	63	o	o	0.12
Copenhagen	72	52	r	f	Lucerne	61	o	o	0.10
Prague	77	59	o	o	Lausanne	?	?	?	0.16
Vienna	75	59	o	o	Lugano	68	o	o	0.83
Buda-Pesth	86	64	c	o	Locarno	?	?	?	0.39
St. Petersburg	59	36	r	o					
Rome	78	61	bc	bc					
Malta	72	68	?	bc					
Madeira (Funchal) <i>not rec'd</i>									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

7. June, 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	h. m. 3.33	h. m. 11.51	h. m. 8.10
Greenwich	3.46	11.58	8.10
Wick	3.11	12.10	9.10
Valencia	4.24	12.39	8.58

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on SUNDAY 8TH JUNE

1902

Issued by the Meteorological Office, 43, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.		BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine Hours	Rainfall. Ins.	
		At 82° and M.S.L. Ins.	Dry Bulb.	Dirac.	Force (0 to 12.)	Weather	At 82° Fahr. and M. S. L. Ins.	Change since Yester- day Ins.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.	Max.			Min.				
SCANDINAVIA.	Haparanda	29.68	38	NW	2	c	29.64	-11	40	39	-2	S	2	bc	*	c	?	36	*	-		
	Hernösand	29.72	42	2	0	0	29.64	-11	47	38	+5	S	1	b	*	o	52	34	*	-		
	Stockholm	29.65	47	ENE	2	0	29.58	-09	46	43	0	ENE	2	o	*	o	55	37	*	-		
	Wisby	29.59	46	E	4	+	29.56	+16	50	47	+4	E	2	bc	*	r	54	39	*	0.04		
	Karlstad	29.66	47	NE	2	0	29.65	-00	47	43	+3	NE	2	o	*	o, r	*	*	*	-		
	Färder (X'ania Fjord)	29.63	46	ENE	4	0	29.61	+01	47	43	+6	NE	2	o	1	o	47	41	*	0.12		
	Bodö	29.69	42	NNE	2	c	29.64	-11	42	39	-1	NNE	4	bc	2	c	45	37	*	-		
	Christiansund	29.67	46	NE	6	bc	29.71	+11	46	41	-12	ENE	4	o	4	bc	55	43	*	-		
	Skudesnaes	29.58	53	S	5	bc	29.63	+14	54	49	+3	NNE	2	c	1	bc	61	50	*	*		
	Sumburgh Head	29.61	46	NE	4	o	29.75	+32	45	42	-2	NNE	4	c	5	o	52	42	*	-		
BRITISH ISLANDS.	Stornoway	29.72	49	NNE	5	c	29.86	+23	46	43	0	NNE	5	o	5	4, o	50	44	1.6	0.03		
	Malin Head	29.67	48	N	6	c	29.80	+27	47	46	-2	N	7	o	5	o, c	50	45	*	0.01		
	Blacksod Pt.	29.84	51	NNW	8	b	29.92	+25	50	46	-2	NNW	4	c	3	bc, b	54	46	*	0.01		
	Valencia...	20.86	53	WNW	5	oq	29.95	+20	48	46	-5	NNW	5	o	4	ogm, oq	55	47	0.9	0.28		
	Roche's Point	29.75	56	NNW	8	bcq	29.86	+21	52	48	-2	N	6	bc	4	c, bcq	58	45	*	0.01		
	Parsonstown	29.76	50	NW	4	o	29.86	+24	48	46	-2	W	3	o	*	p, o	58	43	3.5	0.01		
	Donaghadee	29.65	49	NNE	3	op	29.75	+24	49	46	-1	N	3	c	2	o	52	46	*	-		
	Liverpool Obsy.	29.59	50	NW	2	o	29.67	+20	52	48	+5	NW	2	o	2	r, o	55	47	*	0.04		
	Holyhead	29.63	50	N	2	o	29.71	+28	49	48	+1	N	5	o	4	cp, o	55	46	*	0.13		
	Pembroke (St. Ann's)	29.65	52	NW	4	c	29.78	+19	48	46	-3	WNW	5	oq	5	c	55	46	6.3	0.09		
GERMANY, &c.	Scilly (St. Mary's)...	29.74	55	WNW	6	c	29.80	+10	51	47	-2	NNW	5	c	4	cp, c	57	46	5.0	0.07		
	Jersey (St. Aubins)...	29.59	54	NW	5	bc	29.71	+07	49	48	-2	NNW	4	cp	4	bcq, bc	54	47	*	0.06		
	Portland Bill	29.47	50	W	5	oq	29.64	+08	50	48	-7	NW	4	o	2	c, oq	60	45	*	0.18		
	Dungeness	29.47	50	W	5	oq	29.64	+08	50	48	-7	NW	4	o	2	c, oq	60	45	*	0.18		
	Wick	29.54	48	NE	2	o	29.76	+22	45	44	0	N	3	c	2	o	49	43	*	0.03		
	Nairn	29.58	49	NNE	4	+	29.80	+23	46	44	-2	NNE	3	c	2	r	51	43	*	0.11		
	Aberdeen	29.52	49	NW	3	cp	29.74	+22	47	42	0	N	3	oq	3	og, cp, r	52	44	0.7	0.03		
	Leith	29.54	54	NW	1	bc	29.73	+21	48	47	+3	NNE	1	+	*	bc	56	44	*	0.05		
	North Shields	29.56	48	N	3	bc	29.67	+24	47	47	0	N	3	d	4	r, bc	49	43	*	0.31		
	Spurn Head	29.45	52	NNW	7	o	29.58	+12	49	49	-4	NNW	5	od	3	o	57	45	*	0.07		
FRANCE.	Yarmouth	29.43	55	NW	2	c	29.54	+03	50	47	-5	NW	4	oq	4	ov, c	57	46	*	0.07		
	Loughborough	29.54	48	NW	3	o	29.65	+13	52	49	-1	NW	2	ow	*	op, c, o	57	45	*	0.07		
	Oxford	29.58	48	NNW	3	o	29.67	+11	51	47	-2	NW	2	o	*	clm, op	56	44	*	0.48		
	London (Brixton)	29.48	54	W	3	c	29.64	+06	53	49	-2	NW	2	o	*	p, r, c	57	?	5.7	0.08		
	The Scaw (Skagen)	29.52	51	E	4	o	29.52	+04	50	49	-3	SE	4	o	1	o	57	50	*	0.04		
	Fanö	29.45	54	NE	2	o	29.43	-08	50	49	-2	SW	1	+	*	o	59	50	*	0.35		
	Cuxhaven	29.45	54	W	1	+	29.43	-10	50	49	-6	SSW	3	o	*	+	59	46	*	0.20		
	The Helder	29.47	53	WSW	1	bc	29.45	-03	52	50	-1	NW	3	+	3	bc	59	40	*	0.04		
	Brussels	*	*	*	*	*	29.55	-07	46	46	-7	WSW	2	+	*	+	61	44	*	0.24		
	Berlin	29.51	58	WSW	2	+	29.50	-11	57	53	+1	WNW	3	c	*	+	64	54	*	0.16		
SPAN. PEN.	Frankfurt	29.62	55	SW	2	c	29.55	-12	51	48	-6	SW	4	o	*	c	61	48	*	0.28		
	Munich	29.76	55	W	3	+	29.71	-15	48	46	-12	W	3	o	*	+	66	46	*	0.24		
	C. Gris Nez	29.80	51	WSW	6	o	29.64	+09	48	46	-4	WNW	6	o	5	o	57	48	*	0.12		
	Brest	29.62	54	NW	5	o	29.84	-00	50	?	-2	NW	4	o	37	o	55	?	*	0.04		
	Lorient	29.81	55	WNW	6	o	29.84	+02	54	53	-2	NW	5	c	4	o	62	52	*	-		
	Rocheport	29.86	58	WNW	8	o	29.86	-06	58	55	-3	WNW	4	o	*	o	63	52	*	0.08		
	Biarritz	30.04	63	W	4	c	30.00	-05	56	54	-4	WSW	3	o	2	c	68	52	*	0.16		
	Paris	29.65	59	WSW	4	bc	29.71	-03	52	50	-3	SW	3	c	*	bc	61	48	*	0.20		
	Belfort	29.70	52	WSW	6	+	29.70	-11	49	45	-6	WSW	6	bc	*	+	62	46	*	0.16		
	Lyons	29.84	59	NW	2	+	29.84	-09	55	49	-6	W	1	o	*	+	71	49	*	0.08		
Nice	29.70	64	SW	2	bc	29.57	-25	66	52	+6	NW	4	c	3	bc	72	55	*	-			
Perpignan	29.84	74	SE	1	b	29.85	-10	59	54	-6	NW	2	o	*	b	82	58	*	-			
SPAN. PEN.	Corunna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lisbon	29.94	71	NW	5	b	29.94	-03	68	58	-6	NNE	4	b	*	b	86	61	*	-		
Azores (P. Delgada)	30.13	61	NE	4	bc	30.18	+10	61	58	-1	NE	4	c	2	bc	66	59	*	-			

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR *Sunday 8th June, 1902*

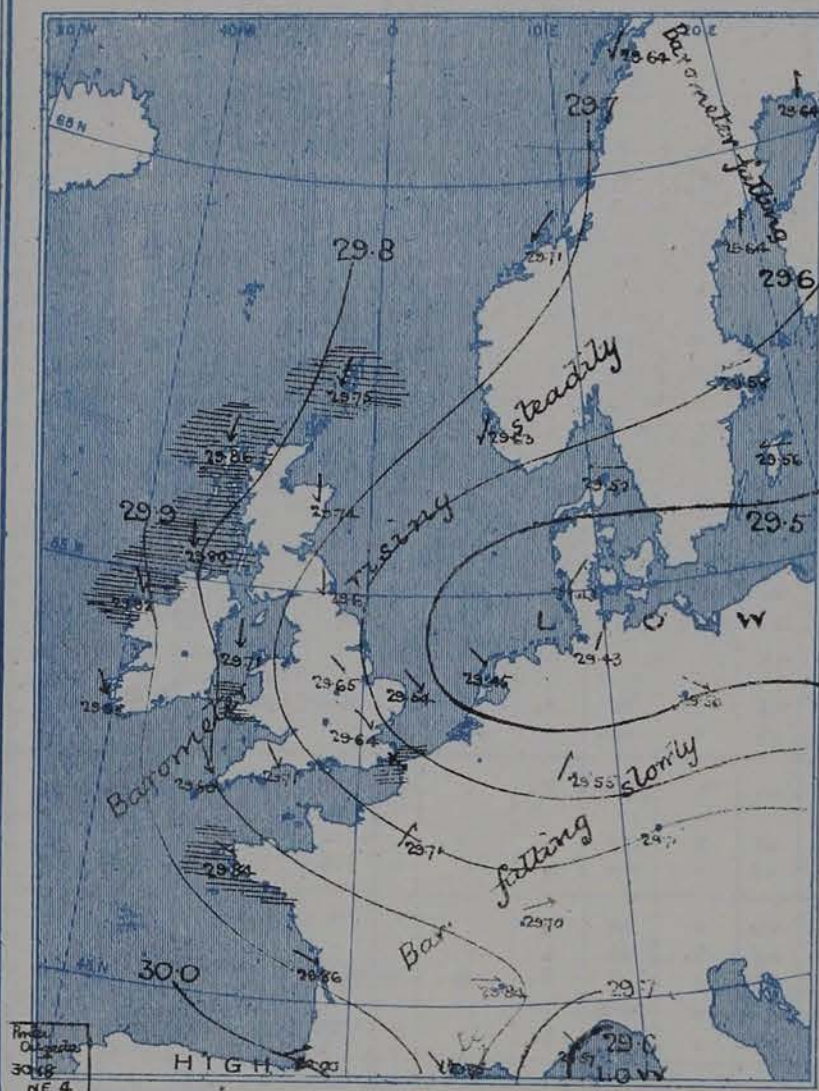
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 \rightarrow : Force 5 to 7 \rightarrow : } Calm \odot
Force 8 to 10 \rightarrow : Force 1 to 4 \rightarrow :

SEA.—Rough \equiv : High \equiv



II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III. BAROMETER AND WIND

Yesterday morning.

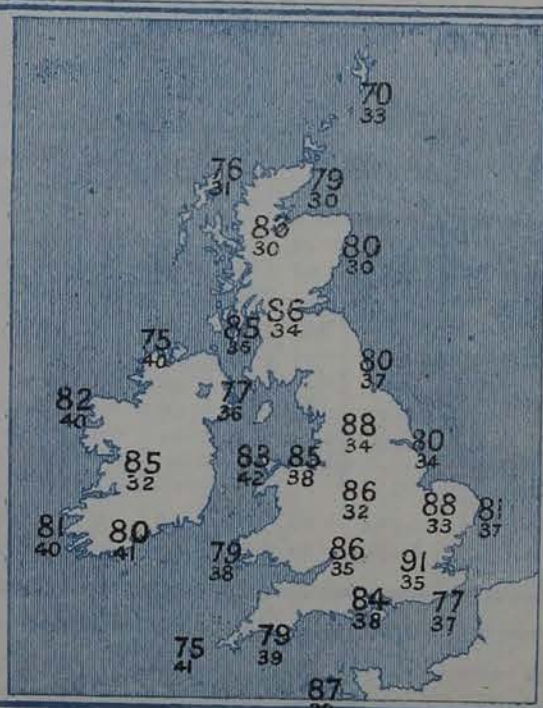


IV. EXTREMES OF TEMPERATURE

in month of JUNE (1871-1900)

Specimen { Highest Max., 80
(for Shields) { Lowest Min., 37

Malin Head & Blacksod Harbour Values are for only 1871-1899



V. Means of DAILY TEMPERATURE

*at 8 A.M. for the monthly period
JUNE. (1871-1900)*



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure is highest, 30.0 ins. and upwards, over the north of Spain and the southern part of the Bay of Biscay, and is somewhat high, 29.9 ins. and upwards in the west of Ireland. The lowest pressures, 29.5 ins. and less, are found in a shallow cyclone system lying over Holland, North Germany, Denmark, the Baltic and the southern parts of the North Sea. This disturbance is apparently moving eastwards and the barometer is rising at all but the Swedish, Danish, and German stations.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind circulates round the low pressure area noted above, being easterly or North-easterly at most of the Scandinavian stations, Northerly in Scotland and Ireland, North-westerly over England and the greater part of France, and westerly or South-westerly over Central France, Germany and the Netherlands. In force it is light or moderate generally, but fresh to strong at several of our own western stations. Temperature remains low for the time of year, the morning readings being below 55° in nearly all parts of northern Europe, and below 50° over the greater part of the United Kingdom; at Lumburg, Hildesheim, and Wiesbaden the reading is only 45°. In the south of France the thermometer is above 55° and at Nice it is as high as 66°. The weather is cloudy or dull in most places, with rain in several isolated parts of the United Kingdom, as well as at Fano, the Helles, and Brussels. In Sweden and the North of Norway however the weather is at present fine. The sea is rough on our extreme north and northwest coasts, and also at Pembroke, but moderate or slight elsewhere.

During yesterday the thermometer failed to reach 60° at any of our own stations excepting Loughness; at many places in the north it did not reach 55°. Over the southern parts of France and Germany it exceeded 65° and at Perpignan it rose to 82°. The duration of bright sunshine was generally small, the largest amounts reported being 6.3 hours at Pembroke and 5.7 hours in London. Showers fell in most parts of western Europe, a thunderstorm occurred in London and at Oxford.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

For the 24 hours ending at NOON on June 9th

1902

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

None Issued

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

None Issued

WARNINGS

NONE ISSUED

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.									PAST 24 HOURS.			
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	bc	*	bc	60	49	6.4	0.23
Newton Reigny (Penrith)																	
Bath	29.57	54	NE 4	bc	29.69	+0.13	52	74.7	0	W 2	0	*	bc	57	48	5.9	0.29

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	57	42	bc	4.3	0.15	Worthing	*	*	*	7.8	*
Birmingham, 9 p.m. ...	53	44	r	3.0	0.34	Llandudno	*	*	*	3.0	*
Lowestoft, up to 6 p.m. ...	*	*	*	*	*	Rhyl up to 6 p.m. ...	*	*	*	*	*
Hastings	*	*	*	*	*	Southport, 9 p.m. ...	57	47	0.7.0	1.5	0.07
Eastbourne up to 6 p.m. ...	*	*	*	*	*	Manchester, 9 p.m. ...	*	*	*	*	*
Brighton	*	*	*	*	*	Darwen, 9 p.m. ...	*	*	*	*	*

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				at 1 p.m.	at 1 p.m.		
7. June -102				Ins.	6. June -102				Ins.
Marseilles	77	59	f bc	0.39	Geneva	68	bc	—	—
Utrecht	63	52	r	—	Berne	66	0	—	—
Copenhagen	64	52	0	—	Lucerne	68	0	0.04	—
Prague	70	57	0	—	Lausanne	?	?	—	—
Vienna	72	59	0	—	Lugano	77	6	0.04	—
Buda-Pesth	77	63	6	—	Locarno	?	?	—	—
St. Petersburg	52	39	0	—					
Rome	78	59	bc	—					
Malta	75	64	?	—					
Madeira (Funchal) <i>Not yet rec'd</i>				—					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

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	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

8 JUNE... 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3.33	11.52	8.41
Greenwich	3.46	11.59	8.11
Wick	3.10	12.11	7.48
Valencia	4.24	12.40	8.56

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on MONDAY 9TH JUNE

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.		BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 5.)	Weather.	Tides						
		At Sta. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	Weather.	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Weather.			Max.	Min.	Sun- shine. Hours	Rainfall. Ins.			
																					Ins.	Ins.	°
SCANDINAVIA.	Haparanda ...	29.70	43	S	2	0	29.76	+12	48	44	+8	N	2	0	*	0	48	36	*	-			
	Hernösand ...	29.67	43	Z	0	0	29.65	+01	46	39	-1	E	2	0	*	0	50	34	*	-			
	Stockholm ...	29.61	47	ENE	2	0	29.45	-13	45	45	-1	NE	4	0	*	0	55	39	*	0.16			
	Wisby ...	29.52	45	NE	2	0	29.36	-20	46	45	-4	SW	2	0	*	0	59	36	*	0.26			
	Karlstad ...	29.57	52	E	2	0	29.49	-16	51	47	+4	NE	2	0	*	0	*	*	*	-			
	Færder (K'iania Fjord) ...	29.57	53	SE	1	0	29.50	-11	48	46	+1	E	1	0	*	0	54	46	*	-			
	Bodö ...	29.70	43	NNE	2	0	29.79	+15	45	39	+3	ENE	2	0	*	0	45	37	*	-			
	Christiansund ...	29.71	44	ENE	5	0	29.75	+04	44	40	-2	ENE	5	0	*	0	46	41	*	-			
	Skudesnaes ...	29.60	54	NNW	6	0	29.50	-13	48	44	-6	NNW	6	0	*	0	55	45	*	-			
	Sumburgh Head ...	29.78	45	NNE	4	0	29.80	+05	47	43	+2	NNE	4	0	*	0	48	39	*	0.02			
BRITISH ISLANDS.	Stornoway ...	29.90	47	NNE	4	0	29.94	+08	44	41	-2	NNE	5	0	*	0	51	39	3.0	-			
	Malin Head ...	29.86	50	N	6	0	29.89	+09	46	44	-1	N	5	0	*	0	51	44	*	0.01			
	Blacksod Pt. ...	29.93	50	N	4	0	29.97	+05	49	47	-1	N	4	0	*	0	53	46	*	0.01			
	Valencia ...	29.92	53	NW	5	0	29.94	-01	51	46	+3	NNE	4	0	*	0	54	45	1.5	0.03			
	Roche's Point ...	29.86	52	N	3	0	29.88	+02	50	46	-2	NNE	3	0	*	0	55	46	*	-			
	Parsonstown ...	29.86	50	NW	4	0	29.92	+06	48	44	0	NW	4	0	*	0	54	39	0.0	-			
	Donaghadee ...	29.80	53	N	3	0	29.85	+10	48	46	-1	NW	2	0	*	0	54	44	*	0.02			
	Liverpool Obsy. ...	29.76	51	N	1	0	29.83	+16	47	43	-5	NNE	1	0	*	0	55	43	*	0.06			
	Holyhead ...	29.78	50	NNE	3	0	29.85	+14	50	48	+1	NE	1	0	*	0	53	47	*	0.04			
	Pembroke (St. Ann's) ...	29.76	51	N	4	0	29.81	+08	49	47	+1	NE	3	0	*	0	55	47	6.4	0.04			
GERMANY, &c.	Scilly (St. Mary's) ...	29.84	53	NNW	5	0	29.76	-04	53	50	+2	N	4	0	*	0	56	47	5.2	-			
	Jersey (St. Aubins) ...	29.73	54	NW	1	0	29.78	+07	49	47	0	NE	3	0	*	0	55	48	*	0.02			
	Portland Bill ...	29.70	55	NNW	3	0	29.75	+01	50	37	0	NE	3	0	*	0	58	46	*	-			
	Dungeness ...	29.70	55	NNW	3	0	29.75	+01	50	37	0	NE	3	0	*	0	58	46	*	-			
	Wick ...	29.83	44	N	4	0	29.83	+07	46	45	+1	N	3	0	*	0	51	36	*	0.05			
	Nairn ...	29.84	50	E	2	0	29.87	+07	46	43	0	N	2	0	*	0	52	40	*	-			
	Aberdeen ...	29.81	46	NNW	3	0	29.81	+07	44	42	-3	NNW	4	0	*	0	50	38	2.3	0.02			
	Leith ...	29.79	49	ENE	1	0	29.84	+11	51	45	+3	NNE	1	0	*	0	51	42	*	0.03			
	North Shields ...	29.78	47	N	3	0	29.81	+14	44	43	-3	N	4	0	*	0	50	42	*	0.05			
	Spurn Head ...	29.71	49	N	5	0	29.77	+19	46	43	-3	N	5	0	*	0	53	43	*	0.03			
FRANCE.	Yarmouth ...	29.62	52	NNW	4	0	29.69	+15	50	47	0	NNW	4	0	*	0	54	45	*	0.05			
	Loughborough ...	29.74	51	N	3	0	29.81	+16	47	44	-5	N	3	0	*	0	56	42	*	0.01			
	Oxford ...	29.74	50	NNE	1	0	29.81	+14	47	44	-4	N	2	0	*	0	56	41	*	0.03			
	London (Brixton) ...	29.71	52	NNE	2	0	29.73	+09	48	44	-5	N	1	0	*	0	57	45	1.3	0.06			
	The Scaw (Skagor) ...	29.49	51	E	1	0	29.45	-07	50	48	0	ENE	3	0	*	0	55	50	*	-			
	Fanö ...	29.47	51	N	4	0	29.50	+07	52	49	+2	NW	5	0	*	0	57	48	*	0.28			
	Cuxhaven ...	29.43	57	N	1	0	29.50	+07	56	53	+6	N	4	0	*	0	57	50	*	0.32			
	The Helder ...	29.55	52	N	4	0	29.64	+19	52	49	0	N	3	0	*	0	52	?	*	0.16			
	Brussels ...	*	*	*	*	*	29.72	+17	50	48	+4	NW	1	0	*	0	54	46	*	0.08			
	Berlin ...	29.49	57	SW	4	0	29.50	00	54	51	-3	N	2	0	*	0	68	50	*	0.28			
SPAN. PEN.	Frankfurt ...	29.64	53	WSW	4	0	29.69	+14	53	49	+2	SW	3	0	*	0	57	50	*	-			
	Munich ...	29.74	50	SW	5	0	29.75	+04	53	48	+5	W	4	0	*	0	57	48	*	0.04			
	C. Gris Nez ...	29.72	53	WSW	4	0	29.75	+11	46	43	-2	NNE	4	0	*	0	55	46	*	0.08			
	Brest ...	29.85	50	NNW	3	0	29.77	-07	49	47	-1	NW	2	0	*	0	55	48	*	0.12			
	Lorient ...	29.82	53	NW	4	0	29.77	-07	51	50	-3	NW	3	0	*	0	59	48	*	0.08			
	Rochefort ...	29.83	58	NNW	4	0	29.78	-08	53	50	-5	NW	3	0	*	0	63	48	*	0.08			
	Biarritz ...	29.97	59	NNW	4	0	29.87	-13	56	52	0	NNW	3	0	*	0	63	52	*	0.16			
	Paris ...	29.72	54	SW	2	0	29.74	+03	50	49	-2	NNW	2	0	*	0	61	48	*	0.16			
	Belfort ...	29.69	53	WSW	5	0	29.71	+01	49	48	0	WSW	2	0	*	0	59	46	*	0.08			
	Lyons ...	29.78	56	E	1	0	29.79	-05	54	49	-1	SW	1	0	*	0	64	49	*	0.04			
Nice ...	29.46	71	W	7	0	29.66	+09	57	53	-9	E	2	0	*	0	79	55	*	-				
Perpignan ...	29.80	63	NW	2	0	29.81	-04	60	52	+1	NW	3	0	*	0	65	54	*	-				
SPAN. PEN.	Corunna ...																						
	Lisbon ...																						
Azores (P. Delgada) ...	30.28	61	NE	4	0	30.29	+11	61	56	0	NNW	2	0	*	0	60	59	*	-				

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR *Monday 9th June, 1902*

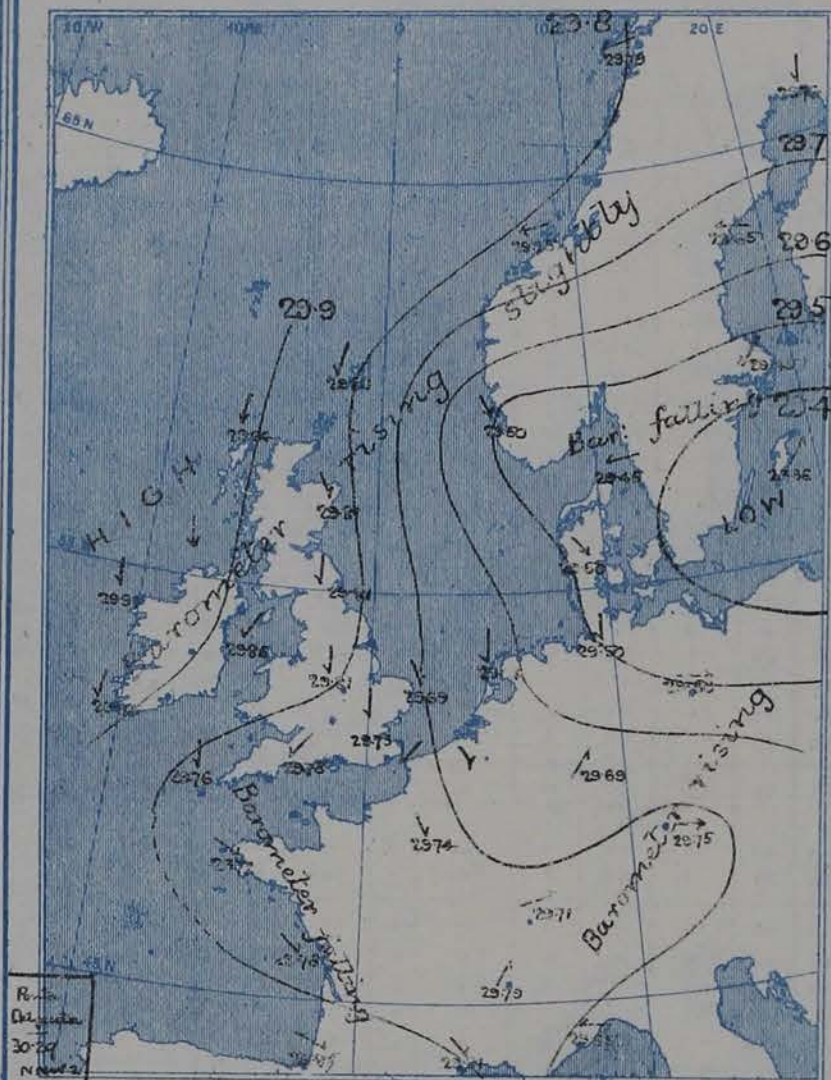
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High

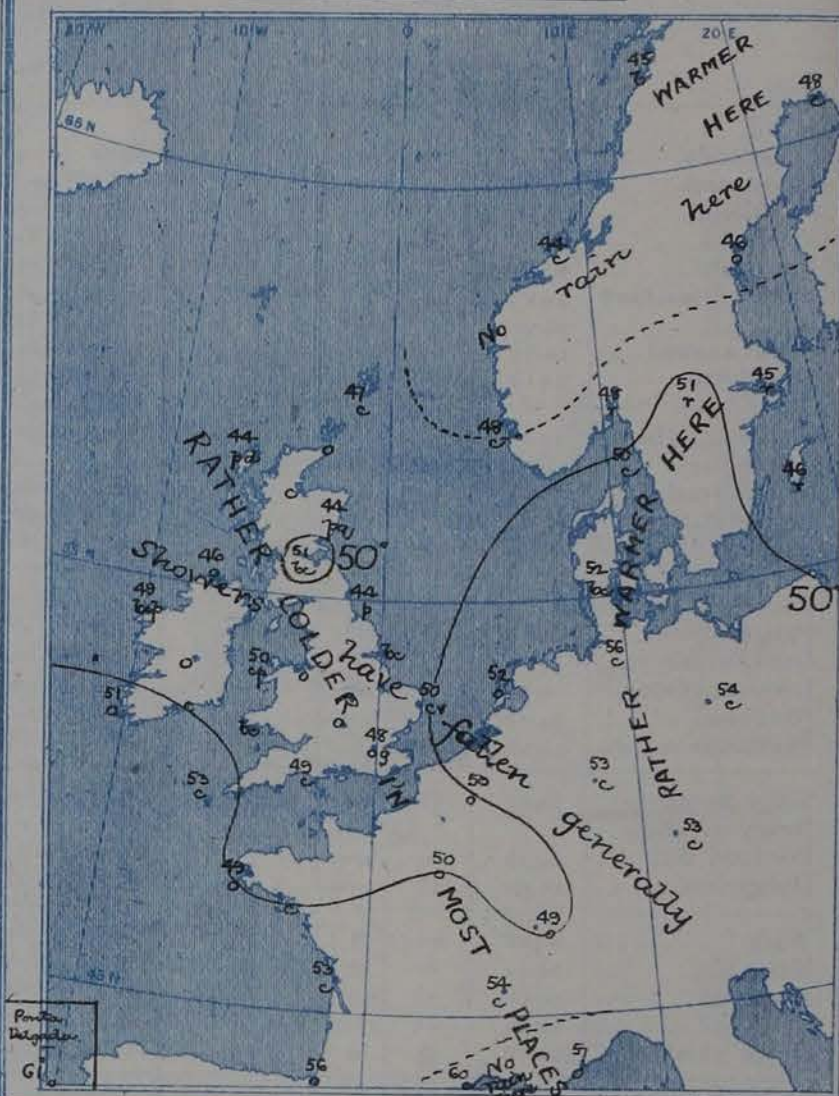


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III. BAROMETER AND WIND

Yesterday morning.

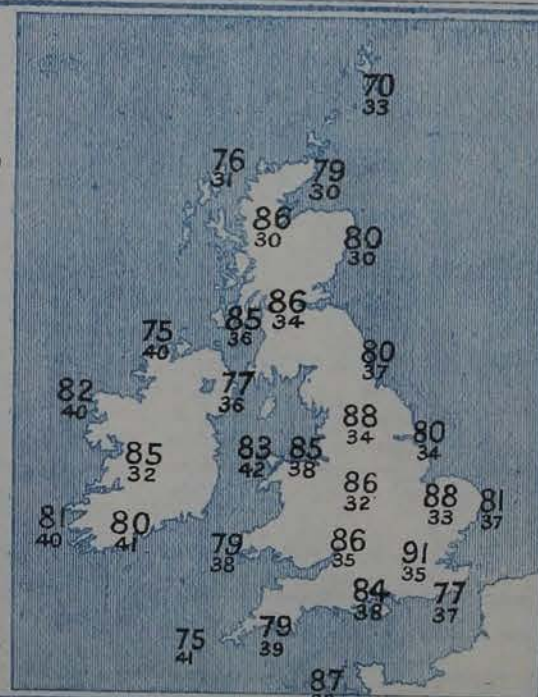


IV. EXTREMES OF TEMPERATURE

in month of JUNE (1871-1900)

Specimen { Highest Max, 80
(for Shields) { Lowest Min, 37

Malin Head & Blacksod Belmullet Values are for only 45 yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period
JUNE. (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure this morning ranges from 29.97 in. at Blackrock Point and 29.79 in. at Bodø to 29.36 in. at Wisby, in a depression which lies over the Baltic; there are several shallow secondary systems in our neighbourhood and one of these (near Scilly) appears to be growing deeper.

WIND

TEMPERATURE

WEATHER

AND

SEA

N^W winds of moderate strength are blowing over the whole of our Islands, N.W^W to W^W in France, W^W and S.W^W in Germany, but E^W over the north of Scandinavia and also in the Riviera.

Temperature ranges from 53° to 50° at our extreme southern and south-western stations, but is as low as 44° at Stornoway, Aberdeen and Shields. The northern readings are about 7°, and the southern (coast) values about 4°, below the averages for those localities.

The weather is very cloudy and in some cases gloomy, and showers are falling at several stations—mostly in the northern parts of the Kingdom. The sea is moderate in the north and west and also on our eastern coasts, but slight or smooth elsewhere.

During yesterday a little rain fell in all parts of the Kingdom and the greater part of France. There were from 4 to 6 hours of bright sunshine at our western stations, but little or none in the east. The maximum temperature did not touch 60° at any of our own stations, the highest being 58° at Dungeness. On the Continent 68° was recorded at Berlin and 79° at Nice.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A continuation of the cold N^W wind is probable, but with rather drier weather than of late. A very cold night is probable inland.

FORECASTS *

For the 24 hours ending at NOON on 10th June, 1902

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

N^W to N.E^W winds, moderate in force; weather cold and inclement, with a few passing showers.

DISTRICTS.

FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

N^W to N.E^W winds, moderate in force; weather cold and inclement, with a few passing showers.

N^W winds, moderate; cold, fair as a whole.

WARNINGS

None issued.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	c	*	b, o	58	42	6.0	-
Newton Reigny (Penrith)	29.76	48	NE 2	o	29.83		45	42		NNE 2	og	*	omgd	52	34	1.5	0.04
Bath	29.72	55	N 1	o	29.80	+11	50	45	-2	NE 3	c	*	o	60	44	3.0	0.08

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	49	42	c, o	0.0	0.01	Worthing	*	*	*	0.8	*
Birmingham, 9 p.m. ...	55	44	~	0.1	-	Llandudno	*	*	*	3.0	*
Lowestoft, up to 6 p.m. ...	*	*	*	1.5	*	Rhyl up to 6 p.m. ...	*	*	*	0.5	*
Hastings	*	*	*	0.0	*	Southport, 9 p.m. ...	56	47	c, o	1.0	0.09
Eastbourne up to 6 p.m. ...	*	*	*	0.9	*	Manchester, 9 p.m. ...	59	52	o, r	1.2	0.01
Brighton	*	*	*	0.9	*	Darwen, 9 p.m. ...	51	43	c, o, r	0.2	0.02

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.	WEATHER.	RAIN. (measured at 7 a.m.)	
	Max. °	Min. °				at 1 p.m. °			
8 June -02					7 June -02				
Marseilles				Ins.	Geneva	64	o	—	
Utrecht... ..					Berne	61	o	—	
Copenhagen... ..					Lucerne	68	o	—	
Prague					Lausanne	?	?	—	
Vienna					Lugano	64	r	?	
Buda-Pesth					Locarno	?	?	—	
St. Petersburg									
Rome									
Malta									
Madeira (Funchal)									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

9 June 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	h. m. 3.33	h. m. 11.52	h. m. 8.12
Greenwich	3.46	11.59	8.12
Wick	3.9	12.11	9.12
Valencia	4.24	12.40	8.57

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for 8 a.m. on TUESDAY 10TH JUNE 1902
 Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.		BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	TEMP.		Sun- shine. Hours	Rainfall. Ins.			
		At 82° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather.	At 82° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.	Max.		Min.						
																		Ins.			Ins.	°	°
SCANDINAVIA.	Haparanda ...	29.69	49	NE	4	o	29.51	-2.5	41	41	-7	NE	6	+	*	o	55	37	*	0.08			
	Hernösand ...	29.57	45	NE	4	o	29.48	-1.7	45	43	-1	N	4	+	*	o	55	39	*	0.24			
	Stockholm ...	29.39	41	NW	6	+	29.56	-1.1	46	43	+1	NW	2	o	*	+	52	39	*	0.75			
	Wisby ...	29.49	43	NW	6	o	29.60	+2.4	46	43	o	SW	2	bc	*	o	52	36	*	-			
	Karlstad ...	29.53	47	SW	2	bc	29.58	+0.9	48	45	-3	ENE	2	c	*	bc	*	*	*	0.08			
	Färder (X'ania Fjord)	29.54	49	NE	2	o	29.58	+0.8	49	45	+1	NNE	2	o	1	o	50	46	*	0.08			
	Bodö ...	29.76	49	E	2	b	29.66	-1.3	46	41	+1	NE	2	bc	1	b	52	43	*	-			
	Christiansund ...	29.75	45	ENE	4	c	29.73	-0.2	44	41	o	ENE	6	+	4	c	48	41	*	0.08			
	Skudesnaes ...	29.54	51	NNW	4	b	29.58	+0.8	49	46	+1	NNW	6	b	2	b	57	48	*	-			
	Sumburgh Head	29.82	45	NNE	4	c	29.80	0.0	45	42	-2	N	4	c	6	bc, c	52	40	*	0.02			
BRITISH ISLANDS.	Stornoway ...	29.99	49	E	4	o	29.92	-0.2	45	42	+1	NNE	1	o	1	+, o	54	39	7.3	0.01			
	Malin Head ...	29.90	50	N	4	c	29.88	-0.1	49	47	+3	N	4	c	2	c	50	44	*	-			
	Blacksod Pt. ...	29.98	50	N	4	c	29.94	-0.3	49	47	o	NW	2	bc	2	c	51	45	*	0.01			
	Valencia ...	29.97	52	NNW	2	o	29.95	+0.1	49	46	-2	NW	2	op	4	c, o	55	46	3.7	-			
	Roche's Point ...	29.91	54	NNE	3	og	29.92	+0.4	50	46	o	N	2	c	2	og	57	46	*	-			
	Parsonstown ...	29.92	50	N	3	o	29.91	-0.1	48	45	o	NW	1	o	*	o	53	44	1.2	-			
	Donaghadee ...	29.88	51	N	3	bc	29.87	+0.2	49	47	+1	NNW	2	o	2	bc	52	43	*	-			
	Liverpool Obsy.	29.86	49	NW	2	o	29.88	+0.5	50	44	+3	Z	o	b	1	o	53	44	*	-			
	Holyhead ...	29.88	50	N	2	c	29.88	+0.3	51	49	+1	NW	1	c	1	cp, c	53	48	*	-			
	Pembroke (St. Ann's)	29.85	52	N	5	c	29.85	+0.4	51	48	+2	N	1	og	2	c	57	45	7.4	-			
GERMANY, &c.	Scilly (St. Mary's)...	29.85	53	N	4	o	29.88	+1.2	53	51	o	NNW	1	cp	2	o	57	50	3.9	-			
	Jersey (St. Aubins)...	29.80	55	NNE	2	bc	29.89	+1.1	49	47	o	NE	1	o	2	bc	59	47	*	0.02			
	Portland Bill ...	29.78	52	E	3	c	29.83	+0.8	51	48	+1	NE	3	bc	1	c	56	41	*	-			
	Dungeness ...	29.78	52	E	3	c	29.83	+0.8	51	48	+1	NE	3	bc	1	c	56	41	*	-			
	Wick ...	29.89	47	N	2	c	29.83	0.0	47	45	+1	N	2	c	2	c	53	39	*	-			
	Nairn ...	29.90	53	NE	2	bc	29.88	+0.1	46	44	o	NE	2	+	2	bc	54	46	*	0.04			
	Aberdeen ...	29.86	48	NNW	3	bc	29.84	+0.3	45	42	+1	NW	3	cp	1	cp, bc	51	49	8.6	0.03			
	Leith ...	29.86	50	NE	1	b	29.86	+0.2	50	43	+1	NNE	1	b	*	b	55	39	*	-			
	North Shields ...	29.84	49	N	3	b	29.83	+0.2	46	43	+2	N	3	c	4	b, p, b	50	40	*	0.01			
	Spurn Head ...	29.81	50	NNW	5	bc	29.81	+0.4	47	44	+1	NW	5	cp	4	bc	51	41	*	0.03			
FRANCE.	Yarmouth ...	29.77	49	NNW	4	cp	29.76	+0.7	47	44	-3	NNW	5	cp	4	cp, bc	52	41	*	0.04			
	Loughborough ...	29.84	50	N	2	o	29.87	+0.6	50	44	+3	NNW	3	bc	*	o, c, om, b	54	35	*	-			
	Oxford ...	29.85	49	NE	2	o	29.88	+0.7	50	44	+3	N	3	b	*	o	54	40	*	-			
	London (Brixton)	29.80	52	N	3	o	29.85	+1.2	54	48	+6	N	2	bc	*	og, b	54	42	1.5	-			
	The Scaw (Skagen)	29.47	52	E	4	o	29.47	+0.2	48	47	-2	E	4	o	1	o	57	46	*	0.39			
	Fanö ...	29.55	46	W	4	c	29.46	-0.4	50	46	-2	WSW	4	c	2	c	56	46	*	-			
	Cuxhaven ...	29.63	52	NW	4	+	29.59	+0.9	50	46	-6	SW	5	bc	*	+	57	46	*	0.12			
	The Helder ...	29.71	49	NW	2	c	29.70	+0.6	49	45	-3	NW	3	bc	3	c	54	45	*	0.12			
	Brussels ...	*	*	*	*	*	29.78	+0.6	48	45	-2	W	1	c	*	o	59	42	*	0.04			
	Berlin ...	29.63	55	W	3	b	29.68	+1.8	57	53	+3	WSW	1	o	*	b	66	48	*	0.24			
SPAN. PEN.	Frankfurt ...	29.71	54	SW	2	o	29.71	+0.2	51	49	-2	SW	1	o	*	o	63	50	*	0.08			
	Munich ...	29.75	50	SE	2	+	29.72	-0.3	53	52	o	SW	2	o	*	+	63	48	*	0.35			
	C. Gris Nez ...	29.82	51	NE	4	c	29.83	+0.8	47	44	+1	NE	4	bc	4	c	57	46	*	-			
	Brest ...	29.80	56	NNE	3	c	29.92	+1.5	49	46	o	N	1	c	1	c	59	46	*	-			
	Lorient ...	29.76	55	NNW	3	o	29.84	+0.7	49	48	-2	NNE	3	b	2	c	61	46	*	0.08			
	Rochefort ...	29.75	58	NW	4	c	29.85	+0.7	54	52	+1	NE	2	b	*	c	63	46	*	-			
	Biarritz ...	29.82	59	WNW	1	c	29.85	-0.2	52	51	-4	Z	o	+	3	c	63	50	*	0.28			
	Paris ...	29.73	53	ENE	2	o	29.81	+0.7	47	44	-3	NE	2	o	*	o	61	46	*	-			
	Belfort ...	29.67	57	WSW	2	o	29.69	-0.2	54	51	+3	WSW	3	o	*	c	62	44	*	-			
	Lyons ...	29.71	59	N	1	c	29.76	-0.3	56	50	+2	N	1	c	*	c	67	50	*	-			
Nice ...	29.69	60	E	1	o	29.70	+0.4	56	54	-1	Z	o	o	*	o	68	54	*	0.04				
Perpignan ...	29.74	57	SW	2	o	29.73	-0.8	56	54	-4	W	1	+	*	o	66	53	*	0.04				
SPAN. PEN.	Corunna ...																						
	Lisbon ...																						
SPAN. PEN.	Azores (P. Delgada)	30.28	62	NNW	4	o	30.25	-0.4	65	59	+4	N	4	b	2	o	68	61	*	-			

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page

WEATHER CHARTS

FOR *Tuesday 10th June, 1902*

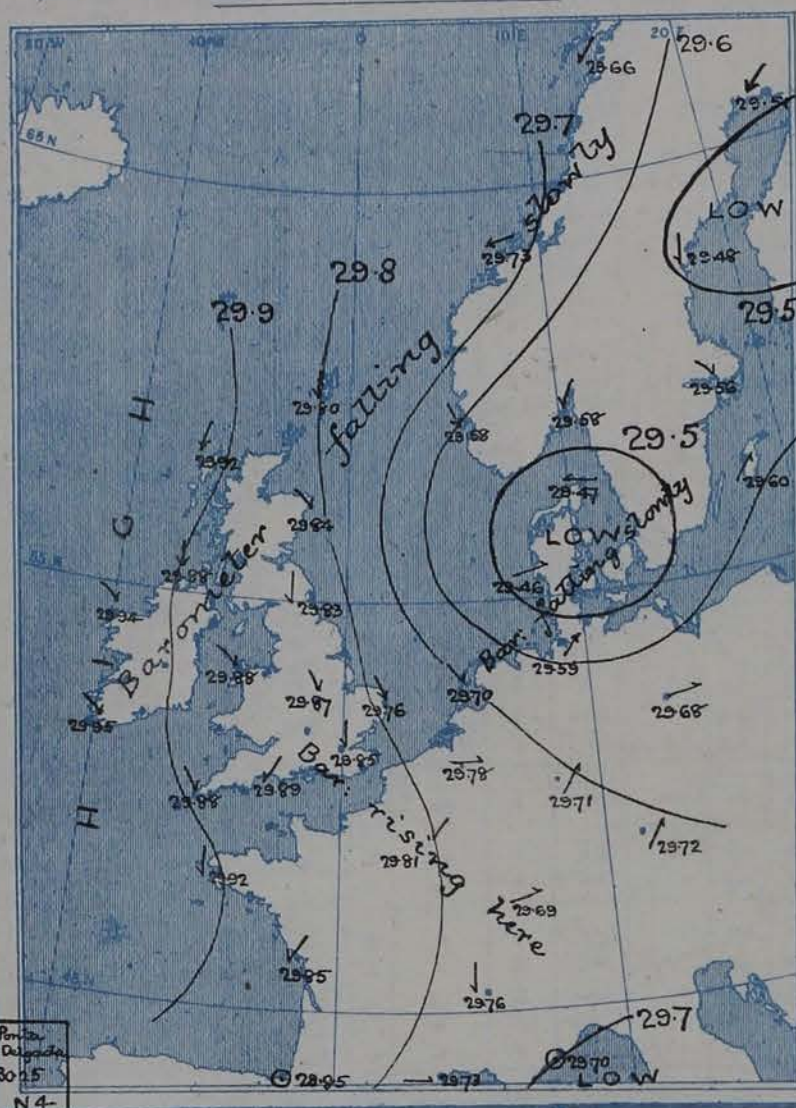
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ⊙
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough ≡ : High ≡

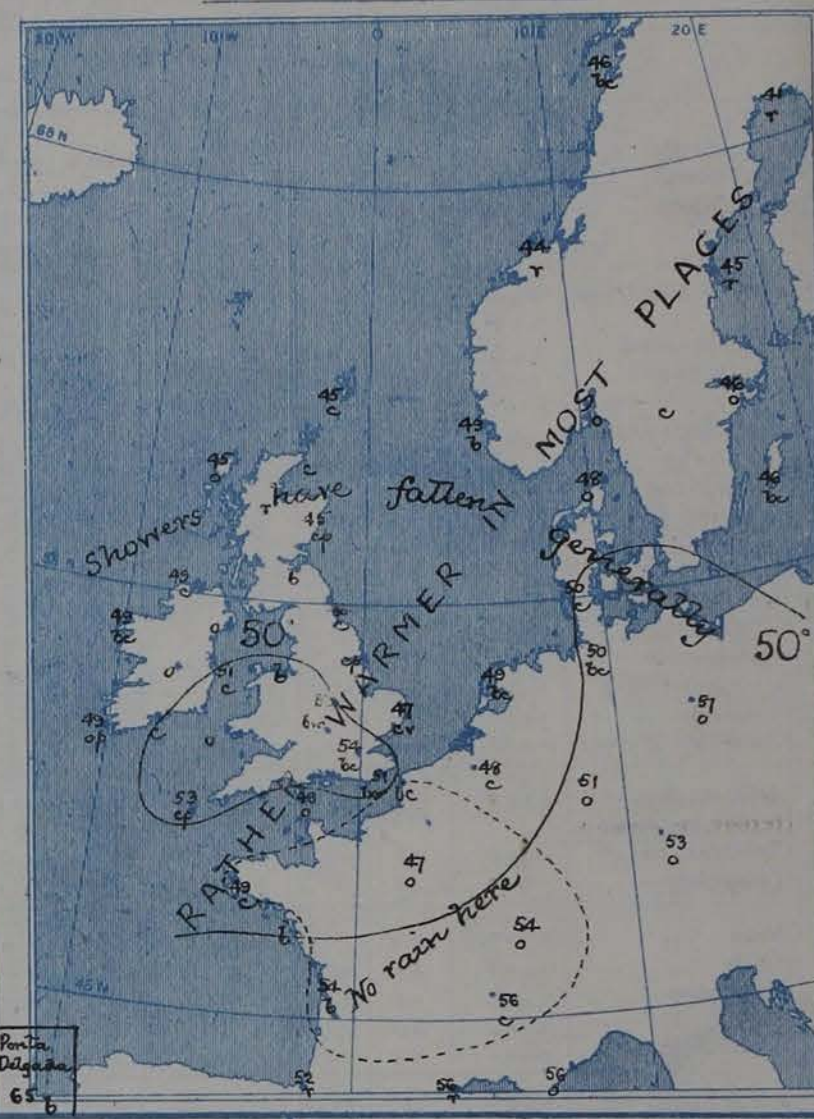


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III. BAROMETER AND WIND

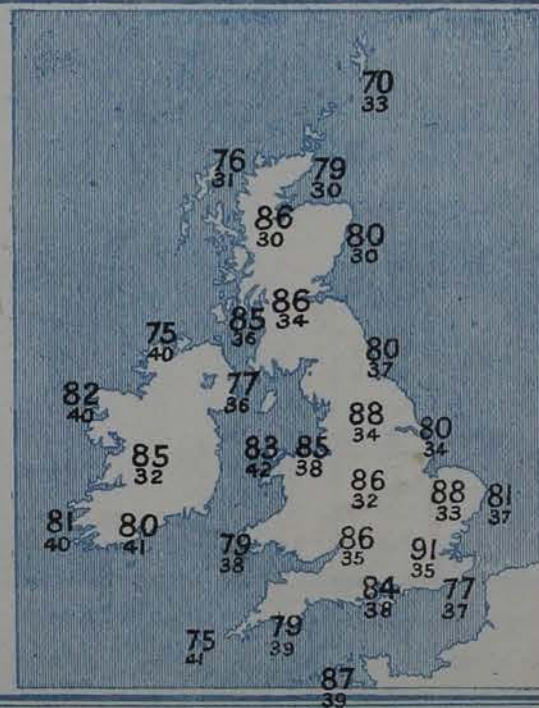
Yesterday morning.



IV. EXTREMES OF TEMPERATURE in month of JUNE (1871-1900)

Specimen { Highest Max, 80
(for Shields) { Lowest Min, 37

Malin Head & Blacksod Belmullet Values are for only 15 Yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period JUNE. (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometrical pressure remains highest, 29.9 in. and upwards, in an anticyclone extending from the Atlantic over Ireland and the west of Scotland, lowest, 29.5 in. and less in a cyclonic disturbance lying over Denmark and the south of Scandinavia, and also in a smaller area over the Gulf of Bothnia. The barometer is falling rather decidedly in the north of Sweden and to a less extent at the Irish and Scotch stations, but in all other parts of our area the mercury is at present rising, or is almost stationary.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light to moderate from the Nth or N.Wth over nearly the whole of the United Kingdom and from the N.Eth over the greater part of France, while over Denmark and the southern part of Scandinavia a well-marked cyclonic circulation is shown. Temperature is still very low over Western Europe generally, readings over our islands exceeding 50° only in the south-east of England. The weather is fine at most of the English stations, but is cloudy or dull over Western Europe as a whole, with slight showers in some parts of Ireland and Scotland. There is steady rain in the north of Scandinavia and also in the south of France. The sea is moderate or slight generally, but rough at Lumburgh Head.

During yesterday showers fell in many parts of the country, and also at several of the Continental stations. The maximum temperatures were all low for the time of the year, readings over our islands ranging from 51° at Aberdeen, Blackrod Point and Spurn Head, to 59° at Portland Bill. In the night the sheltered thermometer fell to 39° at several Scotch stations and to 35° at Loughborough, where frost occurred on the grass. The amount of bright sunshine generally was small, but as much as 8.6 hr. was recorded at Aberdeen and 8.3 hr. at Rhyl.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is at present very little sign of any change in the conditions now prevailing. Fair weather is probable over our Islands, but showers are still likely locally.

FORECASTS *

For the 24 hours ending at NOON on 11th June, 1902

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

Nth winds, light or moderate, fair and cold at first, some showers later.

Nth winds, light or moderate; fair, cold, but local showers still probable

DISTRICTS.



FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

Nth and N.Wth winds, moderate or fresh; fair at first, some showers later.

WARNINGS

None issued.

Note.—The South Cone, point downwards (), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.									PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.	
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °			
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	b	*	o, c	54	38	3.0	—	
Newton Reigny (Penrith)	29.84	49	N 2	o	29.86	+0.3	45	41	o	NNW 2	c	*	cg. o	53	33	2.7	—	
Bath	29.76	54	N 1	o	29.89	+0.9	50	45	o	NE 1	b	*	o	60	44	5.6	—	

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	51	40	c, o	1.4	-	Worthing	*	*	*	6.1	*
Birmingham, 9 p.m. ...	54	40	o	4.8	-	Llandudno	*	*	*	3.5	*
Lowestoft, up to 6 p.m. ...	52	47	c	1.9	0.04	Rhyl up to 6 p.m. ...	*	*	*	8.3	*
Hastings	*	*	*	5.2	*	Southport, 9 p.m. ...	54	38	c, o	4.4	-
Eastbourne up to 6 p.m. ...	*	*	*	3.4	*	Manchester, 9 p.m. ...	56	40	c, b	2.8	-
Brighton	*	*	*	4.8	*	Darwen, 9 p.m. ...	50	36	b, o, m, n	3.3	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.		TEMPERATURE, F.		WEATHER.		RAIN.	STATIONS.		TEMPERATURE, F.		WEATHER.		RAIN. (measured at 7 a.m.)	
		Max. °	Min. °						at 1 p.m. °					
9 June								8 JUNE.						
Marseilles	75	54	b	b	Ins.		Geneva	not yet received.					Ins.	
Utrecht... ..	57	50	o	o	0.04		Berne							
Copenhagen... ..	54	46	r	r	0.47		Lucerne							
Prague	61	48	c	c	0.64		Lausanne							
Vienna	66	48	o	c	0.59		Lugano							
Buda-Pesth	73	54	o	o	0.24		Locarno							
St. Petersburg	55	39	b	r	—									
Rome	76	44	o	o	—									
Malta	75	72	?	o	—									
Madeira (Funchal)	72	57	c	o	—									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

10 June, 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	h. m. 3.32	h. m. 11.52	h. m. 8.12
Greenwich	3.45	11.59	8.13
Wick	3.9	12.11	9.13
Valencia	4.23	12.40	8.57

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

„ Weekly „ „ „ „ £1 10 0 „ Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on WEDNESDAY 11TH JUNE

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)											PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours	Rainfall. Ins.		
				Dirac.	Force (0 to 12.)		At 82° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)				Max.	Min.				
																					At 32° and M. S. L.	Dry Bulb.
		Ins.				Ins.	Ins.	°	°													
SCANDINAVIA.	Haparanda ...	29.50	38	N	2	r	29.69	+1.8	40	37	-1	N	2	c	*	r	50	37	*	0.32		
	Hernösand ...	29.60	45	Z	0	b	29.65	+1.7	43	41	-2	SW	2	o	*	b	50	41	*	0.24		
	Stockholm ...	29.62	45	SE	2	b	29.56	.00	54	50	+3	WSW	2	c	*	b	55	37	*	-		
	Wisby ...	29.61	48	S	2	bc	29.60	.00	48	46	+2	W	2	bc	*	bc	57	36	*	-		
	Karlstad ...	29.56	50	NNE	2	c	29.58	.00	48	46	0	NNE	2	o	*	c, r	*	*	*	0.16		
	Færder (X'ania Fjord)	29.55	50	SE	2	o	29.61	+0.3	51	48	+2	ENE	1	bc	1	o	51	46	*	-		
	Bodö ...	29.59	47	N	2	c	29.65	-0.1	41	39	-5	WSW	2	c	1	c	50	37	*	0.12		
	Christiansund ...	29.69	43	NE	3	c	29.73	.00	44	41	0	N	2	c	3	c	48	39	*	0.08		
	Skudesnaes ...	29.55	52	E	4	b	29.63	+0.5	49	45	0	NNW	6	c	2	b	52	45	*	*		
BRITISH ISLANDS.	Sumburgh Head	29.76	44	NNE	1	o	29.73	-0.7	46	43	+1	N	1	c	4	c, o	48	38	*	0.12		
	Stornoway ...	29.82	50	E	3	bc	29.72	-1.20	47	44	+2	E	3	o	3	r, bc	53	40	7.2	0.01		
	Malin Head ...	29.81	50	NW	2	bc	29.68	-1.20	46	44	-3	S	1	o	1	c, bc	51	40	*	-		
	Blacksod Pt. ...	29.84	51	NW	2	b	29.68	-1.26	50	46	+1	SSW	2	bc	2	bc, b	53	44	*	-		
	Valencia ...	29.86	51	W	2	cr	29.68	-1.27	49	46	0	E	1	o	3	cr	53	43	5.3	0.01		
	Roche's Point ...	29.84	52	SW	2	o	29.70	-1.22	49	47	-1	SSW	1	ogu	1	o	54	44	*	-		
	Parsonstown ...	29.81	52	W	1	o	29.69	-1.22	50	46	+2	S	1	o	*	o	54	43	0.3	-		
	Donaghadee ...	29.81	50	WNW	2	cm	29.71	-1.16	49	48	0	SW	2	cp	1	cm	54	46	*	0.01		
GERMANY, &c.	Liverpool Obsy.	29.81	50	W	1	o	29.75	-1.13	54	50	+4	SSE	1	o	1	o	56	45	*	-		
	Holyhead ...	29.83	53	SW	1	cm	29.72	-1.16	51	49	0	SW	3	c	2	c, cm	55	46	*	-		
	Pembroke (St. Ann's)	29.85	51	WNW	1	c	29.73	-1.12	49	47	-2	S	2	c	2	b, c	55	48	1.9	-		
	Scilly (St. Mary's)...	29.86	55	NW	2	c	29.75	-1.13	53	50	0	SSW	3	cp	1	o, c	57	50	1.3	0.03		
	Jersey (St. Aubins)...	29.87	51	W	2	cm	29.82	-0.07	52	51	+3	SSW	3	c	3	o, cm	54	49	*	-		
	Portland Bill ...	29.83	53	WSW	3	bc	29.86	+0.03	53	51	+2	W	3	c	1	c, bc	57	41	*	-		
	Dungeness ...	29.78	47	N	3	bc	29.74	-0.09	48	46	+1	S	2	bc	1	bc	49	34	*	0.02		
	Wick ...	29.78	51	E	2	c	29.71	-1.17	52	48	+6	Z	0	bc	1	c	55	38	*	0.01		
FRANCE.	Nairn ...	29.78	50	NNE	3	bc	29.76	-0.08	47	44	+2	SE	3	c	1	c, bc	52	39	7.3	0.01		
	Aberdeen ...	29.76	52	E	1	bc	29.71	-1.15	50	48	0	Z	0	m	*	bc	57	44	*	-		
	Leith ...	29.81	48	E	2	c	29.75	-0.08	50	46	+4	SW	1	o	3	c	50	43	*	-		
	North Shields ...	29.81	47	NNE	4	bc	29.80	-0.01	49	46	+2	SE	3	cr	3	bc	53	44	*	-		
	Spurn Head ...	29.80	54	NNW	4	bc	29.81	+0.05	50	46	+3	SE	3	b	3	bc	54	42	*	-		
	Yarmouth ...	29.83	55	SE	1	c	29.80	-0.07	50	47	0	SE	1	omw	*	bc, cm	59	44	*	-		
	Loughborough ...	29.84	53	W	2	o	29.81	-0.07	53	49	+3	S	2	bc	*	o	58	47	*	-		
	Oxford ...	29.82	55	NW	1	c	29.84	-0.01	53	49	-1	S	1	o	*	c, b	59	44	7.7	-		
SPAN. PEN.	London (Brixton)	29.82	55	NW	1	c	29.84	-0.01	53	49	-1	S	1	o	*	c, b	59	44	7.7	-		
	The Scaw (Skagen)	29.53	57	Z	0	bc	29.60	+1.13	50	48	+2	WNW	2	c	0	bc	63	46	*	0.04		
	Fanö ...	29.65	48	WNW	6	c	29.76	+1.30	49	44	-1	W	6	b	*	c	57	46	*	0.04		
	Cuxhaven ...	29.64	53	WNW	4	bc	29.81	+1.22	50	46	0	WNW	3	c	*	bc	54	48	*	0.08		
	The Helder ...	29.76	51	NW	2	c	29.84	+1.14	50	46	+1	NNW	1	bc	1	c	54	46	*	0.04		
	Brussels ...	*	*	*	*	*	29.92	+1.14	46	44	-2	ESE	1	o	*	b	57	36	*	0.04		
	Berlin ...	29.68	56	SW	2	b	29.84	+1.16	54	49	-3	W	3	b	*	b	63	45	*	-		
	Frankfurt ...	29.80	53	N	2	o	29.91	+1.20	50	45	-1	NE	2	c	*	o	61	46	*	-		
SPAN. PEN.	Munich ...	29.79	55	SW	2	o	29.88	+1.16	53	50	0	E	3	bc	*	o	59	48	*	0.04		
	C. Gris Nez ...	29.86	53	SW	4	b	29.88	+0.05	51	49	+4	WSW	3	o	3	b	59	47	*	-		
	Brest ...	29.93	54	N	2	c	29.85	-0.07	51	49	+2	W	2	o	1	c	61	45	*	-		
	Lorient ...	29.89	56	NW	2	o	29.88	+0.04	54	52	+5	NNW	1	bc	2	o	61	48	*	-		
	Rochefort ...	29.81	63	NNE	3	c	29.83	+0.03	56	53	+2	ESE	2	c	*	c	66	46	*	-		
	Biarritz ...	29.87	58	W	4	o	29.92	+0.07	56	54	+4	WNW	4	r	3	o, l	58	50	*	0.63		
	Paris ...	29.86	53	NE	2	o	29.91	+1.10	48	46	+1	Z	0	o	*	o	58	42	*	-		
	Belfort ...	29.71	56	WSW	4	bc	29.81	+1.12	52	49	-2	ENE	3	m	*	bc	65	45	*	0.24		
SPAN. PEN.	Lyons ...	29.77	60	NNW	1	o	29.87	+1.11	52	48	-4	NNW	1	r	*	o	67	49	*	-		
	Nice ...	29.73	55	Z	0	o	29.76	+0.06	56	55	0	E	1	o	2	o	63	52	*	0.16		
	Perpignan ...	29.76	55	W	2	r	29.82	+0.09	60	53	+4	NW	3	bc	*	r	63	53	*	0.12		
	Corunna ...																	*				
SPAN. PEN.	Lisbon ...																	*				
	Azores (P. Delgada)																	*				

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR WEDNESDAY 11TH JUNE, 1902

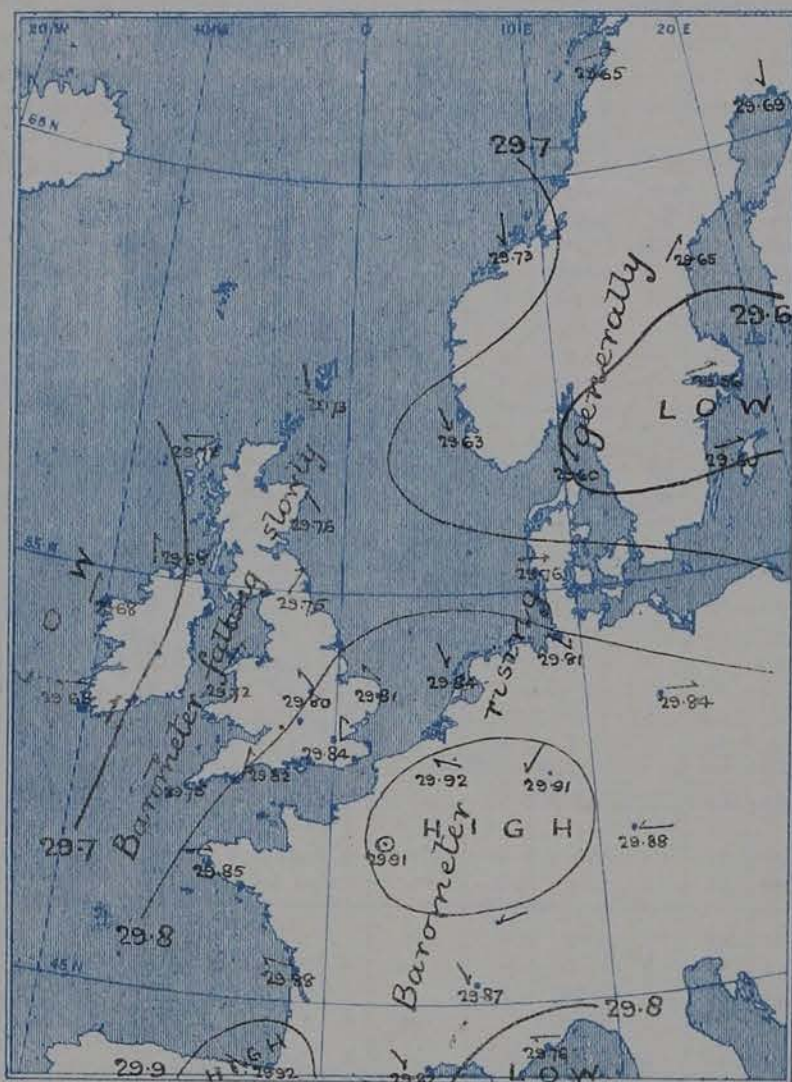
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High

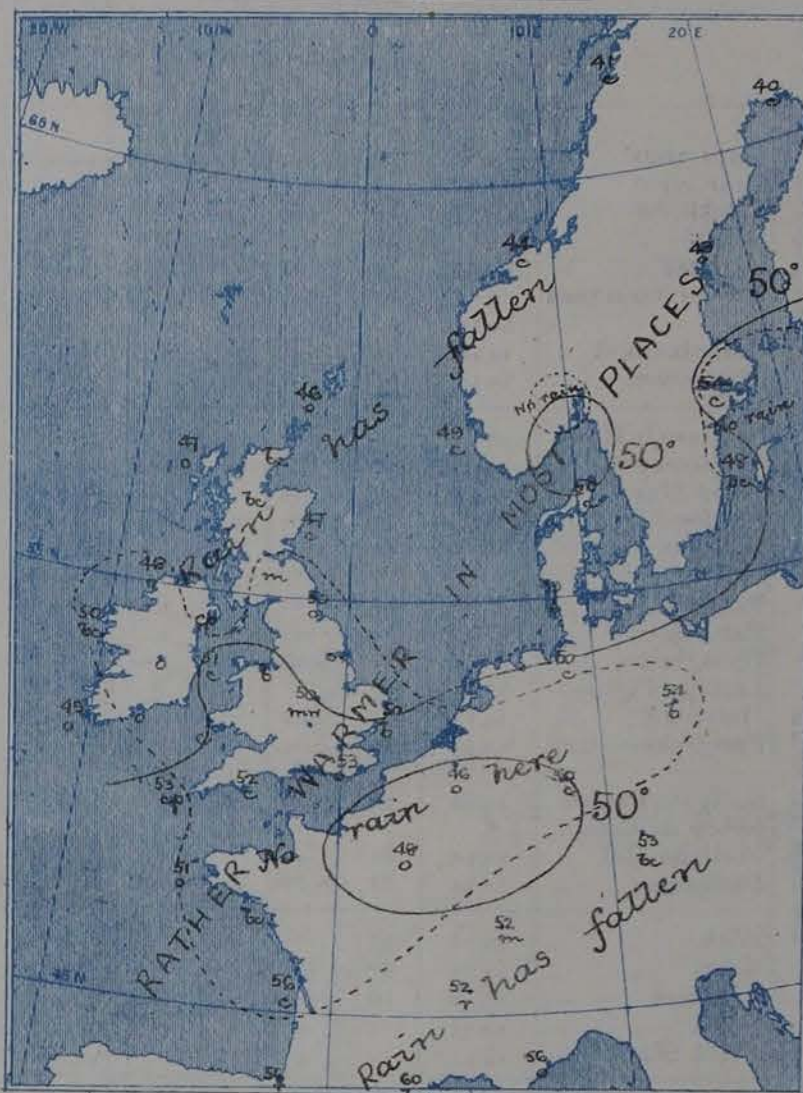


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.8



III. BAROMETER AND WIND

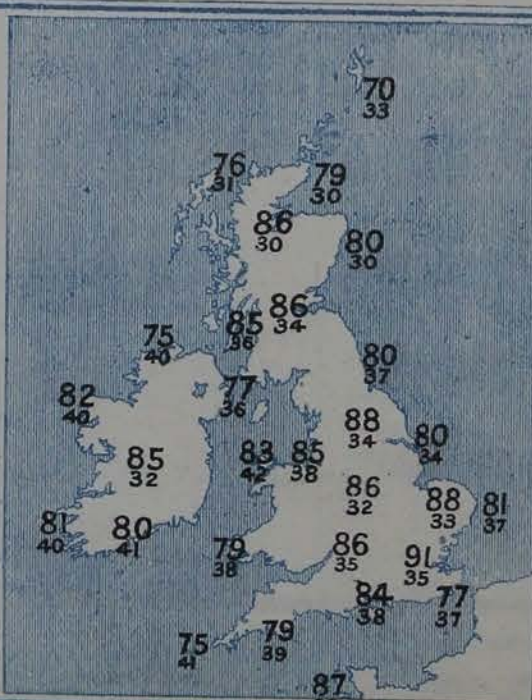
Yesterday morning.



IV. EXTREMES OF TEMPERATURE in month of JUNE (1871-1900).

Specimen { Highest Max, 80
(for Shields) { Lowest Min, 37

Malin Head & Blacksod Belmullet Values are for only 45 Yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period JUNE. (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Since yesterday morning an entire change has taken place in the distribution of pressure over Western Europe, a shallow area of low pressure, with readings of 29.7 in. and less, having advanced from the westward over Ireland and Scotland, while the highest pressures have been transferred to Central and Southern France, where the barometer is slightly above 29.9 in. The low pressure, which lay over Denmark yesterday, has travelled in a north-easterly direction and is now found over the southern parts of Sweden. The mercury is falling over our Islands, decidedly in Ireland and Scotland, but is rising slightly at the Continental stations.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light from the S^d or S.E.^d over our Islands. In Scandinavia and Denmark it varies between N and W, but in Germany and France it is light and variable. Temperature has risen somewhat in most places, but remains low generally, readings over our Islands ranging from 44° at Dumburgh Head to 54° at Liverpool and Bath. The weather is fair over Western Europe as a whole, but a good deal of cloud is reported locally, and rain is falling at Lyons and Perpignan. The sea is moderate at Dumburgh Head, but slight or smooth elsewhere.

The maximum temperatures registered over our Islands yesterday were a little higher than of late, the thermometer exceeding 55° in many places and reaching 59° at Doughtborough and in London. The amount of bright sunshine was much higher than recently, 12 hrs. or slightly above, being recorded in many places. Slight rain has fallen in some parts of Ireland and Scotland and also at many of the Continental stations. Heavily at Biarritz, where lightning was seen during the night. A solar halo was observed at Pembroke yesterday afternoon.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cyclonic area in the west is likely to spread over our Islands, and milder, but unsettled and showery weather is probable over the United Kingdom generally.

FORECASTS *

For the 24 hours ending at NOON on 12th June, 1902

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	} Light breezes, chiefly S th and S.E. th , changeable, some showers, becoming milder.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	} S th breezes, light or moderate; fair at first, some rain later. Becoming milder.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

6	{ SCOTLAND WEST	} S th winds, moderate or fresh; changeable, some showers. Milder.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH	

WARNINGS

None issued.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (\Uparrow), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.									PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.	
					Ins.	Change.	Dry. °	Wet. °	Change.					Max. °	Min. °			
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	o	*	b	59	48	9.5	-	
Newton Reigny (Penrith) ...	29.77	55	S 1	c	29.72	-.16	48	46	+3	SE 1	om	*	bc, om	57	38	12.5	-	
Bath	29.84	54	NW 1	c	29.78	-.11	54	49	+4	S 2	c	*	c	58	47	6.3	-	

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	55	37	c, b, c	12.2	-	Worthing	*	*	*	12.0	*
Birmingham, 9 p.m. ...	55	41	o	5.3	-	Llandudno	*	*	*	6.1	*
Lowestoft, up to 6 p.m. ...	53	38	c	12.3	0.06	Rhyl up to 6 p.m. ...	*	*	*	7.3	*
Hastings	*	*	*	10.6	*	Southport, 9 p.m. ...	57	37	c, b, o	12.8	-
Eastbourne up to 6 p.m. ...	*	*	*	10.8	*	Manchester, 9 p.m. ...	62	36	c, b	5.0	-
Brighton	*	*	*	12.0	*	Darwen, 9 p.m. ...	57	35	b, v, c	6.6	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 10 JUNE	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS. 9. JUNE	TEMPERATURE, F. at 1 p.m. °	WEATHER.	RAIN. (measured at 7 a.m.) Ins.
	Max.	Min.						
Marseilles	68	55	r. r.	0.04	Geneva	64	c	0.04
Utrecht	59	43	c, c.	-	Berne	57	c	0.12
Copenhagen	57	46	c, o	0.24	Lucerne	63	c	-
Prague	70	54	o, f	*	Lausanne	?	?	0.04
Vienna	68	48	b, o	-	Lugano	66	c	0.16
Buda-Pesth	68	50	b, o	-	Locarno	?	?	-
St. Petersburg	57	37	r, b	-				
Rome	73	62	o, o	-				
Malta	81	72	m	-				
Madeira (Funchal)	68	55	o, b	-				

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	11 th JUNE, 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.	Yarmouth	h. m. 3. 32	h. m. 11. 52	h. m. 8. 13
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	3. 45	11. 59	8. 13
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	3. 8	12. 11	9. 14
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia	4. 23	12. 40	8. 58
Portugal	8 a.m. (Lisbon)	8.36 a.m.						

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on THURSDAY 12TH JUNE

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.		BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.		
		At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	Weather.	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.			Max.	Min.				
																					Ins.	Ins.	°	°	Hours	Ins.
SCANDINAVIA.	Haparanda ...	29.66	44	SW	2	0	29.66	-0.03	50	46	+10	E	4	3	*	0	50	36	*	-		
	Hernösand ...	29.70	43	Z	0	bc	29.83	+1.13	49	43	+6	Z	0	0	*	bc	50	36	*	-		
	Stockholm ...	29.71	51	WNW	2	b	29.65	+1.29	52	48	-2	W	2	0	*	b	59	43	*	-		
	Wisby ...	29.75	51	S	2	b	29.89	+1.29	50	48	+2	WSW	4	0	*	b	59	39	*	-		
	Karlstad ...	29.72	51	WSW	2	b	29.85	+1.27	49	45	+1	SSW	2	0	*	r.h.b	*	*	*	-		
	Færder (X'iania Fjord)	29.69	53	SW	3	b	29.78	+1.17	54	50	+3	SSE	2	c	2	b	55	50	*	-		
	Bodö ...	29.70	45	W	4	bc	29.74	+1.09	41	38	0	SSW	2	b	1	bc	45	37	*	-		
	Christiansund ...	29.78	44	NE	4	b	29.82	+1.09	47	42	+3	NE	3	b	3	b	47	37	*	-		
	Skudesnaes ...	29.76	48	NNW	6	b	29.81	+1.18	49	45	0	NNW	2	b	2	b	52	41	*	-		
	Sumburgh Head ...	29.74	46	Z	0	0	29.71	-0.02	47	44	+1	ESE	3	0	4	r.o	51	40	*	0.08		
BRITISH ISLANDS.	Stornoway ...	29.66	52	SSE	2	0	29.59	-1.13	46	45	-1	NE	1	od	1	om,o	56	44	6.0	0.07		
	Malin Head ...	29.62	49	E	3	c	29.57	-1.11	49	47	+3	NE	2	cp	1	c	52	44	*	0.05		
	Blacksod Pt. ...	29.63	49	NW	3	rm	29.58	-1.10	51	47	+1	N	3	b	3	c,rm	52	45	*	0.08		
	Valencia ...	29.53	50	NNE	1	r	29.55	-1.13	50	47	+1	NNE	3	c	3	p,r	53	45	0.0	0.29		
	Roche's Point ...	29.60	52	SSE	1	ogm	29.51	-1.19	52	49	+3	NE	2	0	1	o,ogm	55	46	*	0.04		
	Parsonstown ...	29.59	54	SE	1	0	29.54	-1.15	48	47	-2	NW	1	0	*	p,o	55	42	0.5	-		
	Donaghadee ...	29.64	50	SE	2	rm	29.56	-1.15	49	48	0	E	2	0	2	rm	55	45	*	0.21		
	Liverpool Obsy. ...	29.69	49	Z	0	p	29.57	-1.18	52	49	-2	SSE	2	c	2	o,p	56	47	*	0.09		
	Holyhead ...	29.67	51	SSW	2	c	29.56	-1.16	49	48	-2	S	1	dm	1	c	54	47	*	0.07		
	Pembroke (St. Ann's)	29.65	51	SSW	3	c	29.48	-1.25	51	50	+2	ESE	4	rgm	3	c	54	46	1.4	0.10		
GERMANY, &c.	Scilly (St. Mary's) ...	29.63	55	SSW	4	0	29.30	-1.45	50	50	-3	ESE	7	rm	4	cp,o	60	49	3.7	0.46		
	Jersey (St. Aubins) ...	29.76	58	ESE	2	og	29.50	-1.26	53	50	-3	ESE	4	otg	3	bc,og	60	51	4.8	0.08		
	Portland Bill ...	29.74	52	SE	3	c	29.53	-1.29	53	52	+1	ESE	4	c	3	bc,c	57	50	*	-		
	Dungeness ...	29.80	54	WSW	1	bc	29.62	-1.24	53	52	0	SSE	4	op	2	bc	58	52	*	-		
	Wick ...	29.69	47	SE	3	0	29.57	-1.17	48	48	0	ESE	1	t	2	0	54	44	*	0.24		
	Nairn ...	29.63	50	Z	0	t	29.56	-1.15	50	48	-2	Z	0	t	1	t	54	44	*	0.09		
	Aberdeen ...	29.71	47	SE	3	0	29.60	-1.16	50	48	+3	S	2	c	2	og,o,r	51	45	4.0	0.08		
	Leith ...	29.64	53	SE	1	r	29.57	-1.14	50	48	0	SE	1	t	*	t	53	45	*	0.16		
	North Shields ...	29.67	49	SE	3	t	29.61	-1.14	51	49	+1	SSE	2	op	3	og,r	52	48	*	0.18		
	Spurn Head ...	29.72	53	SE	4	c	29.64	-1.16	53	51	+4	SE	4	0	3	c	56	48	*	-		
FRANCE.	Yarmouth ...	29.77	54	SE	5	c	29.68	-1.13	53	50	+3	SE	5	cg	4	bc,c	54	49	*	-		
	Loughborough ...	29.72	56	S	3	0	29.62	-1.18	51	49	+1	SE	2	om	*	o,c,om	59	46	*	0.09		
	Oxford ...	29.73	52	S	2	op	29.61	-1.20	50	49	-3	SE	2	rg	*	o,p	58	47	*	0.07		
	London (Brixton) ...	29.77	56	SSW	3	0	29.63	-1.21	53	51	0	SSE	3	ot	*	c,o,d	63	49	2.3	0.01		
	The Scaw (Skagen) ...	29.73	49	W	3	c	29.80	+1.20	50	46	0	SW	3	c	1	c	55	46	*	-		
	Fanö ...	29.87	47	WSW	2	b	29.88	+1.12	51	47	+2	SE	2	c	*	b	54	45	*	-		
	Cuxhaven ...	29.87	54	NW	1	b	29.86	+1.05	51	46	+1	E	2	b	*	b	54	45	*	-		
	The Helder ...	29.84	52	E	1	b	29.76	-0.08	57	51	+7	S	1	b	0	b	57	48	*	-		
	Brussels ...	*	*	*	*	*	29.74	-1.18	59	50	+13	SSE	1	c	*	0	62	44	*	-		
	Berlin ...	29.86	58	Z	0	bc	29.86	+1.02	60	52	+6	SE	3	b	*	bc	64	52	*	-		
SPAN. PEN.	Frankfurt ...	29.84	53	NNE	2	b	29.81	-1.10	54	48	+4	E	2	b	*	b	61	45	*	-		
	Munich ...	29.81	57	SE	3	c	29.82	-1.06	57	53	+4	E	2	c	*	c	63	50	*	-		
	C. Gris Nez ...	29.82	56	ESE	2	b	29.74	-1.14	54	48	+3	ESE	4	0	2	b	61	50	*	-		
	Brest ...	29.71	55	S	2	0	29.41	-1.44	53	52	+2	SE	5	t	4	0	57	51	*	0.35		
	Lorient ...	29.75	55	S	4	0	29.44	-1.44	55	55	+1	S	6	t	5	0	61	50	*	0.32		
	Rochefort ...	29.81	63	W	2	bc	29.59	-1.29	61	56	+5	SSW	4	b	*	bc	68	54	*	-		
	Biarritz ...	29.83	66	NE	2	b	29.66	-1.26	66	57	+10	SSW	4	c	2	b	66	56	*	-		
	Paris ...	29.84	58	ESE	2	bc	29.72	-1.19	53	48	+5	ESE	2	0	*	bc	61	45	*	-		
	Belfort ...	29.78	55	Z	0	0	29.76	-1.05	53	51	+1	Z	0	m	*	0	62	48	*	0.08		
	Lyons ...	29.81	60	NNE	1	bc	29.80	-1.07	54	48	+2	ESE	1	bc	*	bc	66	46	*	-		
Nice ...	29.70	56	E	2	t	29.75	-1.01	60	55	+4	SW	1	bc	3	t	66	50	*	0.43			
Perpignan ...	29.80	67	NW	3	b	29.76	-1.06	63	56	+3	Z	0	b	*	b	71	57	*	-			
SPAN. PEN.	Corunna ...														*				*	-		
	Lisbon ...														*				*	-		
	Azores (P. Delgada)														*				*	-		

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page

WEATHER CHARTS



FOR THURSDAY 12TH JUNE, 1902

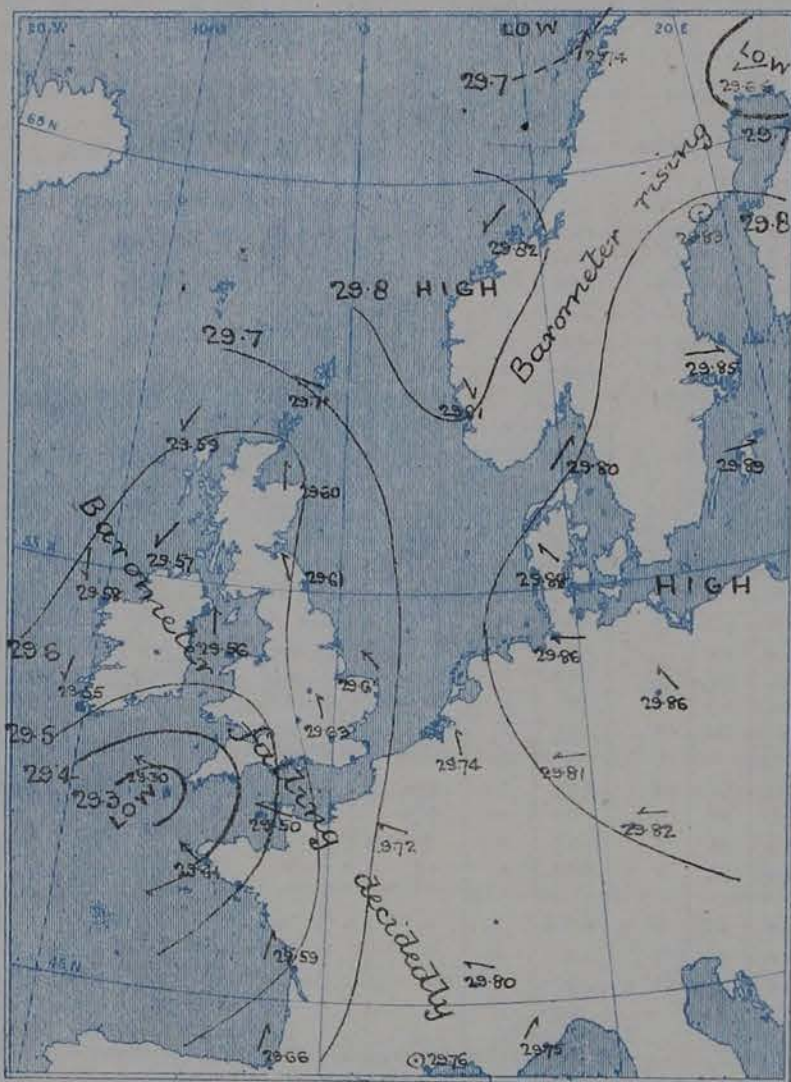
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough  : High 



II TEMPERATURE AND WEATHER. This Morning

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III BAROMETER AND WIND

Yesterday morning.



IV EXTREMES OF TEMPERATURE in month of JUNE (1871-1900)

Specimen { Highest Max, 80
(for Shields) { Lowest Min, 37

Malin Head & Blacksod Belmullet Values are for only 45 years



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

JUNE. (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometrical pressure is now highest over Scandinavia and the Baltic, lowest in a depression which has advanced from north-west during the night to the mouth of the English Channel. The readings range from 29.89 in. at Wisby and 29.82 in. at Christiansund to 29.30 in. at Scilly. The barometer is falling very decidedly at our southern stations, but rising a little in the north.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is very light and variable at the Scotch stations, moderate from N.N.E. in Ireland, and moderate to strong from E.S.E. in the English Channel and on the east coast of England; in the Bay of Biscay it is increasing from South and in Germany it is moderate from East.

Temperature is changing little and irregularly, it ranges from 53° on the south and east coasts of England to 49° at Malin Head and 46° at Stornoway. It is therefore lower than the average at all stations and especially in the north. Paris has a temperature of 53°, Berlin and Nice 60° and Biarritz 66°. The weather is dull and very unsettled - rainy at many stations, most in the south. The sea is moderate, but rising, in the south and east.

During yesterday temperature did not exceed 63° at any of our stations; a little rain fell in most places, and the amount of bright sunshine recorded was small in many places.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT



The present indications are for strong E^{ly} winds or gales and rain over the southern and eastern parts of England, which have accordingly been warned. Low temperature is likely to continue at present.

FORECASTS *

For the 24 hours ending at NOON on 13th June, 1902

DISTRICTS.		FORECASTS.	
0	{ SCOTLAND NORTH	}	Variable and E ^{ly} breezes; dull, rainy.
1	{ SCOTLAND EAST		
2	{ ENGLAND N.E.		S.E. ^{ly} and E ^{ly} winds, fresh to strong; rainy, cold.
3	{ ENGLAND EAST		Same as No. 5.
4	{ MIDLAND COUNTIES		Same as No. 2.
5	{ ENGLAND SOUTH		S.E. ^{ly} to N.E. ^{ly} winds, strong to a gale; rainy, cold.

DISTRICTS.		FORECASTS.	
6	{ SCOTLAND WEST		Same as Nos. 0 and 1.
7	{ ENGLAND N.W.		Same as No. 2.
8	{ ENGLAND S.W.		E ^{ly} to N.E. ^{ly} winds, strong; squally, rainy.
9	{ IRELAND NORTH	}	N.E. ^{ly} and N ^{ly} winds; weather becoming fair, but cool.
10	{ IRELAND SOUTH		
WARNINGS			At 10.10 a.m. to-day to districts 3 and 5. "Hoist North Cone".

Note.—The South Cone, point downwards (), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.						PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	0	*	bc	57 50	8.7	—
Newton Reigny (Penrith) ...	29.66	51	NW 1	0	29.52 -1.14	47	46	-1	SE 3	r	*	om,gr	55 45	1.5	0.17
Bath	29.72	55	W 3	0	29.54 -1.24	54	50	0	E 1	0	*	0	58 49	2.3	0.01

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	55	41	b, c, o	2.0	0.13	Worthing	*	*	*	3.3	*
Birmingham, 9 p.m. ...	54	45	o	0.1	0.01	Llandudno	*	*	*	0.4	*
Lowestoft, up to 6 p.m. ...	53	38	c	6.7	—	Rhyl	*	*	*	1.8	*
Hastings	*	*	*	11.2	*	Southport, 9 p.m. ...	56	46	o, c, om, d	1.5	0.01
Eastbourne up to 6 p.m. ...	*	*	*	8.0	*	Manchester, 9 p.m. ...	62	46	o, r	1.9	0.03
Brighton	*	*	*	4.3	*	Darwen, 9 p.m. ...	56	42	om, bp	1.5	0.01

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 11 JUNE	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 10 - VI. 02	TEMPERATURE, F. at 1 p.m.		WEATHER. 1 p.m.	RAIN. (measured at 7 a.m.)
	Max.	Min.				°	°		
Marseilles	63	55	r	0	Ins.	59	0	—	Ins.
Utrecht	59	41	o	c	—	55	r	0.24	—
Copenhagen	57	46	o	c	0.16	—	—	—	—
Prague	66	52	o	b	—	59	0	0.24	—
Vienna	72	54	o	r	0.28	—	?	0.04	—
Buda-Pesth	75	57	o	c	0.04	—	?	0.87	—
St. Petersburg	63	46	b	f	—	57	r	0.83	—
Rome	75	63	c	o	—	?	?	—	—
Malta	82	73	?	b	—	—	—	—	—
Madeira (Funchal)	70	57	c	b	—	—	—	—	—

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

12...VI... 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	h. m. 3.32	h. m. 11.52	h. m. 8.13
Greenwich	3.45	11.59	8.14
Wick	3.5	12.11	9.15
Valencia	4.23	12.40	8.58

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

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„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

FRIDAY 13TH JUNE

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.	YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.			
	BAROM.	TEMP.	WIND.				BAROMETER.	TEMPERATURE.	WIND.								TEMP.			
	At 82° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	Weather.		At 82° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Max.	Min.	Sun- shine. Hours	Rainfall Ins.
	Ins.						Ins.	Ins.	°	°										
SCANDINAVIA.	Haparanda ...	29.82	43	Z	0	bc	30.00	+3.4	41	39	-9	S	2	e	*	bc	52	39	*	-
	Hernösand ...	29.90	43	S	2	f	29.94	+1.1	45	43	-4	Z	0	f	*	f	55	39	*	-
	Stockholm ...	29.90	50	S	2	b	29.97	+1.2	59	53	+7	SE	2	b	*	b	61	43	*	0.04
	Wisby ...	29.94	51	S	2	b	29.97	+0.8	58	49	+8	SSE	4	b	*	b	58	39	*	-
	Karlstad ...	29.92	50	S	2	c	29.93	+0.8	53	46	+4	E	2	b	*	c	*	*	*	-
	Færder (X'ania Fjord) ...	29.86	51	SSE	3	o	29.90	+1.2	52	46	-2	E	2	c	2	o	59	50	*	-
	Bodö ...	29.90	44	S	2	bc	29.93	+1.9	42	40	+1	SW	4	r	2	bc	48	37	*	0.20
	Christiansund ...	29.87	47	ENE	3	b	29.92	+1.0	50	45	+3	E	3	bc	3	b	50	46	*	-
BRITISH ISLANDS.	Skudesnaes ...	29.83	50	N	2	o	29.79	-0.2	53	48	+4	ENE	4	o	2	o	54	45	*	*
	Sumburgh Head ...	29.65	45	E	4	r	29.73	+0.2	47	47	0	ESE	3	o	5	r	48	43	*	0.42
	Stornoway ...	29.58	53	NNE	1	o	29.63	+0.4	49	47	+3	N	3	c	3	f, o	55	44	3.6	0.08
	Malin Head ...	29.57	51	N	3	b	29.62	+0.5	49	49	0	N	5	o	2	b	54	40	*	0.01
	Blacksod Pt. ...	29.61	53	NNW	4	c	29.72	+1.4	52	49	+1	NNW	4	b, c	3	bc, c	55	46	*	0.04
	Valencia ...	29.62	54	NW	3	c	29.75	+2.0	52	48	+2	WNW	5	c, p	5	c, c	55	46	8.0	0.10
	Roche's Point ...	29.54	55	N	3	o	29.68	+1.7	52	49	0	NNE	4	bc	3	o	57	45	*	0.04
	Parsonstown ...	29.54	52	NNW	1	cp	29.69	+1.5	51	46	+3	NW	4	c	*	c, p	54	38	1.1	0.17
GERMANY, &c.	Donaghadee ...	29.55	51	NE	2	c	29.59	+0.3	49	48	0	NNE	3	o	2	c	54	46	*	0.06
	Liverpool Obsy. ...	29.50	54	ESE	1	cp	29.50	-0.7	51	48	-1	NNE	1	o	?	cp	58	49	*	0.06
	Holyhead ...	29.51	50	N	2	omp	29.53	-0.3	49	48	0	NNW	6	op	4	op, omp	52	48	*	0.17
	Pembroke (St. Ann's) ...	29.46	50	Z	0	r	29.55	+0.7	48	46	-3	NNW	4	r	4	r	55	47	0.0	0.76
	Scilly (St. Mary's) ...	29.45	53	NNW	5	o	29.63	+3.3	52	50	+2	NNW	5	cp	4	o	57	50	0.0	0.11
	Jersey (St. Aubins) ...	29.34	57	SSE	3	omp	29.61	+1.1	54	50	+1	WSW	5	bc, omp	3	c, g, ogp	59	51	1.0	0.14
	Portland Bill ...	29.39	52	E	5	omp	29.47	-0.6	50	49	-3	WNW	6	op	4	r, g, omp	53	50	*	0.37
	Dungeness ...	29.49	55	ESE	3	c	29.39	-2.3	54	54	+1	W	3	f	2	o, c	56	52	*	0.09
FRANCE.	Wick ...	29.58	50	SE	2	c	29.66	+0.9	49	48	+1	SE	2	o	2	c	60	46	*	0.15
	Nairn ...	29.55	49	E	1	r	29.62	+0.6	50	49	0	Z	0	o	1	r	57	44	*	0.27
	Aberdeen ...	29.59	48	SSE	3	ogt	29.64	+0.4	50	49	0	ENE	3	c	3	ogt	53	46	2.3	0.12
	Leith ...	29.53	52	E	1	o	29.58	+0.1	53	51	+3	ENE	1	cm	*	o	53	47	*	0.16
	North Shields ...	29.55	49	ESE	3	r	29.54	-0.7	50	49	-1	NE	2	o	3	r, o, r	51	47	*	0.26
	Spurn Head ...	29.55	52	ESE	4	o	29.43	-2.1	50	50	-3	N	3	r	2	o, r	56	49	*	0.41
	Yarmouth ...	29.54	56	ESE	5	og	29.36	-3.2	54	53	+1	SSE	3	og	4	c, c, g	57	51	*	0.12
	Loughborough ...	29.51	51	SE	2	o	29.44	-1.8	49	48	-2	NNW	3	omd	*	r, p, g, m, r	54	48	*	0.37
GERMANY, &c.	Oxford ...	29.44	52	ENE	2	o	29.43	-1.8	51	50	+1	NNW	1	op	*	op	54	49	*	0.15
	London (Brixton) ...	29.46	56	ESE	4	o	29.40	-2.3	53	52	0	WNW	2	og	*	op, g, o, r	57	50	0.0	0.45
	The Scaw (Skagen) ...	29.87	55	SSE	2	bc	29.83	+0.3	54	51	+4	ESE	3	o	1	bc	61	50	*	-
	Fanö ...	29.76	54	E	6	bc	29.61	-2.7	59	56	+8	ESE	6	c	*	bc	63	50	*	-
	Cuxhaven ...	29.73	62	E	3	c	29.59	-2.7	59	54	+8	S	3	o	*	c	63	51	*	-
	The Helder ...	29.61	62	SE	1	o	29.45	-3.1	59	56	+2	S	2	o	1	o	63	55	*	0.04
	Brussels ...	*	*	*	*	*	29.50	-2.4	55	53	-4	S	2	o	*	r	70	53	*	0.04
	Berlin ...	29.77	67	SE	2	c	29.75	-1.1	64	60	+4	SE	3	bc	*	c	73	57	*	-
FRANCE.	Frankfurt ...	29.64	64	ESE	2	bc	29.69	-1.2	60	56	+6	SW	2	o	*	bc	73	54	*	0.08
	Munich ...	29.76	59	E	3	b	29.82	0.0	57	55	0	W	5	o	*	b	68	52	*	0.08
	C. Gris Nez ...	29.45	54	E	5	r	29.42	?	55	55	+1	SW	5	o	5	r	59	52	*	0.67
	Brest ...	29.89	57	NNW	2	c	29.69	+2.8	52	50	-1	WNW	4	c	4	o	61	50	*	0.35
	Lorient ...	29.41	58	W	5	c	29.71	+2.7	53	53	-2	WNW	6	c	5	c	61	50	*	0.75
	Rochefort ...	29.58	59	SW	6	r	29.81	+2.2	57	53	-4	W	5	o	*	r	66	48	*	0.08
	Biarritz ...	29.80	61	WSW	5	r	29.95	+2.9	58	54	-8	W	5	r	4	r	72	55	*	0.08
	Paris ...	29.55	61	S	3	c	29.58	-1.4	56	53	+3	SSW	3	o	*	c	69	54	*	-
SPAN. PEN.	Belfort ...	29.59	71	W	2	c	29.75	-0.1	56	51	+3	SW	5	c	*	c	73	53	*	0.16
	Lyons ...	29.63	68	S	3	c	29.86	+0.6	60	51	+6	SW	2	c	*	c, f, t	73	54	*	0.04
	Nice ...	29.84	60	SW	3	f	29.82	+0.7	59	59	-1	E	1	f	2	f	72	54	*	0.04
	Perpignan ...	29.68	69	NE	3	o	29.92	+1.6	61	54	-2	NW	2	o	*	o	71	58	*	-
SPAN. PEN.	Corunna ...																			
	Lisbon ...	30.07	60	NW	2	o	30.16	+2.9	61	53	0	NNE	4	bc	*	o	68	55	*	0.12
SPAN. PEN.	Azores (P. Delgada) ...																			

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page

WEATHER CHARTS

FOR Friday 13th June, 1902

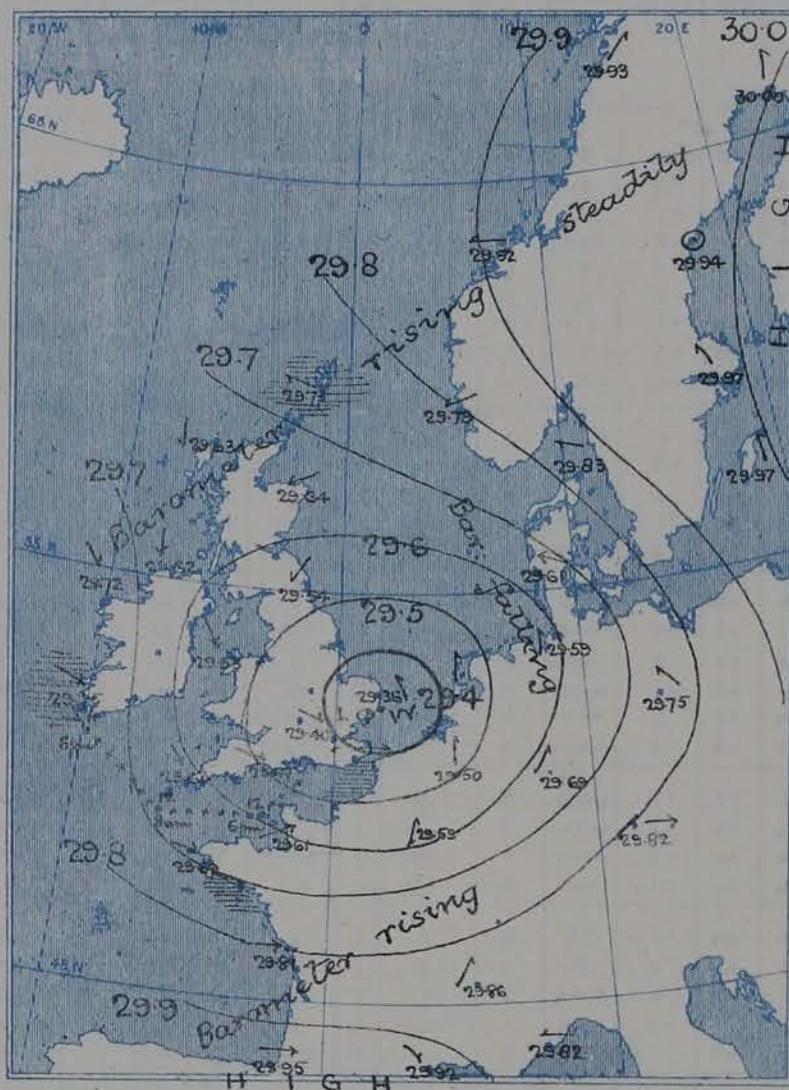
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ○
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough ≡ : High ≡



II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

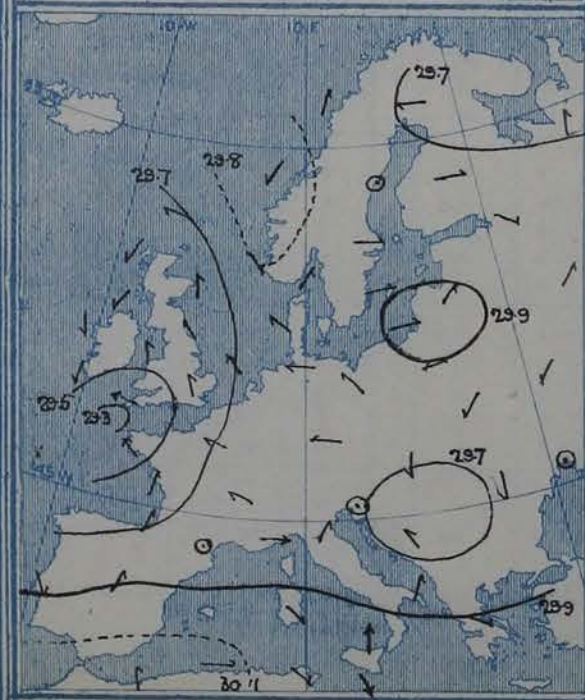
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III. BAROMETER AND WIND

Yesterday morning.



IV. EXTREMES OF TEMPERATURE in month of JUNE (1871-1900).

Specimen { Highest Max, 80
(for Shields) { Lowest Min, 37
Malin Head & Blacksod Belmullet Values are for only 15 yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period JUNE. (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The depression noticed at the mouth of the Channel yesterday after moving eastwards to the Channel Islands, turned in a north-easterly direction and its centre now lies over our eastern counties. In the west and north the barometer has risen. Readings now vary from 29.97 ins. at Stockholm and 29.95 ins. at Biarritz to 29.36 ins. at Yarmouth.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is N.E.³ to N.², light, in Scotland, N.² and N.W.¹ fresh to strong on our western coasts, W.² strong and equally in the Channel, S.² at Yarmouth and the Helder; on the Continent the directions are similar but the force moderate to light. Temperature ranges from 54° at Dungeness and Yarmouth to 49° on our north-western coasts; in the latter region it has risen slightly, elsewhere it has scarcely changed and is still lower than the average. The weather continues in a very unsettled condition generally, but especially in the west and south where rain and mist are prevalent, and the air is "close and stuffy". The sea is rather rough on all exposed parts of our north-western and southern coasts.

Since yesterday rain has fallen in all parts of our Islands and their neighbourhood; it amounted to 0.76 in. at Pembroke, 0.45 in. in London, 0.41 in. at Spurn Head, 0.67 in. at Cape Lisieux and 0.75 in. at Lowest. Temperature maxima were again low (highest, 66° at Wick). A thunderstorm occurred at Southport as well as at Lyons; lightning was seen at Ealing. Bright sunshine was very deficient in many places there was none.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Gradually improving weather is now probable in the west and south and some rise of temperature; there is, however, nothing really settled indicated.

FORECASTS *

For the 24 hours ending at NOON on 14th June, 1902

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	} E ² and variable winds, moderate; rainy.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	NE ² to NW ² winds, fresh or strong; rainy.
3	{ ENGLAND EAST	} Wind becoming NW ² and W ² . Rainy to fair. Close.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	W ² winds, strong to moderate; rainy to fair. Close.



DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	} Same as Nos. 0 and 1.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	} N ² and N.W. ² winds, changeable, showery, ultimately fair.
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH	

WARNINGS

At 11 a.m. to-day to districts
3 and 5, 'Lower Cone'.

Note.—The South Cone, point downwards (), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.			
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	bc	*	o	58 53	1.0	0.06
Newton Reigny (Penrith) ...	29.54	49	ESE 1	o	29.53	-0.05	50	47	-3	NNE 3	og	* agtm	53 46	0.0	0.06
Bath	29.43	54	NE 1	o	29.45	-0.09	52	50	-2	W 1	o	o	56 50	0.2	0.08

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	53	45	o, c, o	0.0	0.18	Worthing	*	*	*	0.1	*
Birmingham, 9 p.m. ...	53	45	*	0.0	0.16	Llandudno	*	*	*	0.0	*
Lowestoft, up to 6 p.m. ...	58	50	o	1.0	—	Rhyl up to 6 p.m. ...	*	*	*	0.2	*
Hastings	*	*	*	0.2	*	Southport, 9 p.m. ...	60	47	op, cl	0.3	0.13
Eastbourne up to 6 p.m. ...	*	*	*	0.0	*	Manchester, 9 p.m. ...	62	46	c, b, r, o	0.0	0.10
Brighton	*	*	*	0.8	*	Darwen, 9 p.m. ...	55	43	ot, b, m	0.2	0.11

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 12. JUNE.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 11. JUNE-1902	TEMPERATURE, F. at 1 p.m.		WEATHER.	RAIN. (measured at 7 a.m.)
	Max.	Min.				°	°		
Marseilles	66	50	o, b	0.04	Geneva	57	—	—	—
Utrecht	63	41	c, c	—	Berne	57	—	—	—
Copenhagen	57	45	c, c	—	Lucerne	61	—	—	0.04
Prague	68	55	o, o	—	Lausanne	?	?	—	—
Vienna	64	54	o, r	0.04	Lugano	63	—	—	0.08
Buda-Pesth	72	57	o, o	—	Locarno	?	?	—	0.12
St. Petersburg	72	45	o, o	0.16					
Rome	72	59	c, c	—					
Malta	86	68	?	—					
Madeira (Funchal)									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

13. June, 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3.32	11.53	8.14
Greenwich	3.45	12.0	8.15
Wick	3.8	12.12	9.16
Valencia	4.23	12.41	8.59

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

SATURDAY 14TH JUNE

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. In.	
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)			At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Max.	Min.			
																					Inch.
SCANDINAVIA.	Haparanda ...	30.02	45	SW	2	c	30.11	+11	52	48	+11	SW	2	b	*	c	52	39	*	-	
	Hernösand ...	29.99	49	Z	0	b	30.04	+10	53	48	+8	Z	0	b	*	b	55	37	*	-	
	Stockholm ...	29.96	51	Z	0	b	29.88	-09	55	50	-4	NE	4	o	*	b	64	45	*	-	
	Wisby ...	29.91	52	E	4	b	29.80	-17	51	48	-7	NNE	4	bc	*	b	66	37	*	-	
	Karlstad ...	29.89	59	ESE	2	b	29.91	-02	57	49	+4	E	2	b	*	b	*	*	*	-	
	Færder (K'iania Fjord) ...	29.84	58	E	2	o	29.87	-03	54	50	+2	E	2	o	2	o	59	52	*	-	
	Bodö ...	30.03	45	Z	0	b	30.09	+16	46	42	+4	N	2	b	*	b	48	42	*	-	
	Christiansund ...	29.91	50	NE	6	c	29.89	-03	51	48	+1	ENE	4	c	*	c	55	46	*	-	
	Skudesnaes ...	29.67	55	ESE	4	o	29.70	-09	56	52	+3	E	4	o	3	o	56	52	*	*	
	Sumburgh Head ...	29.72	48	NE	4	o	29.62	-11	47	47	0	NE	5	r	6	c, o	50	40	*	0.76	
BRITISH ISLANDS.	Stornoway ...	29.69	53	NNE	2	o	29.83	+20	47	44	-2	NE	5	o	5	o	57	45	3.1	-	
	Malin Head ...	29.70	50	N	6	cq	29.79	+17	48	48	-1	N	6	op	4	bc, cq	52	44	*	0.04	
	Blacksod Pt. ...	29.87	53	NNW	4	bc	29.98	+26	50	45	-2	NNW	5	b	4	b, bc, op	56	46	*	0.17	
	Valencia ...	29.92	54	NW	5	cq	30.02	+27	50	46	-2	NNW	5	bcq	5	cq	56	46	9.0	0.04	
	Roche's Point ...	29.79	56	NNW	5	bcq	29.93	+25	52	48	0	NNW	5	bc	4	bc, bcq	60	46	*	0.02	
	Parsonstown ...	29.79	54	NW	5	cp	29.90	+21	48	46	-3	NW	6	o	*	cp	58	43	9.3	0.01	
	Donaghadee ...	29.66	53	N	4	bc	29.83	+24	51	49	+2	N	4	c	3	bc	54	46	*	-	
	Liverpool Obsy. ...	29.60	53	WNW	4	op	29.69	+19	50	49	-1	W	3	o	3	o, cp	57	48	*	0.06	
	Holyhead ...	29.66	51	NNW	5	omp	29.75	+22	49	48	0	NW	5	op	4	omp	52	47	*	0.09	
	Pembroke (St. Ann's) ...	29.69	52	WNW	4	c	29.80	+25	49	45	+1	NW	6	og	4	c	53	45	0.0	0.07	
GERMANY, &c.	Scilly (St. Mary's) ...	29.79	53	WNW	5	c	29.91	+28	53	50	+1	NNW	5	cp	3	c	57	59	12.3	0.01	
	Jersey (St. Aubins) ...	29.73	54	WNW	6	bc	29.89	+26	54	49	0	WNW	4	bc	3	c, bc, g	56	48	6.2	0.16	
	Portland Bill ...	29.59	49	WNW	7	tm	29.81	+34	51	50	+1	WNW	4	c	5	og, p, tm	51	46	*	0.54	
	Dungeness ...	29.63	53	W	6	c	29.72	+33	54	51	0	NW	4	d	2	cq, c, d	59	52	*	0.10	
	Wick ...	29.68	49	NE	3	o	29.58	-08	48	47	-1	NE	5	r	4	o	53	35	*	0.20	
	Nairn ...	29.67	51	E	1	c	29.67	+05	48	46	-2	N	4	r	3	c	55	45	*	0.04	
	Aberdeen ...	29.61	48	NE	4	otgq	29.53	-11	48	46	-2	NW	6	ogq	4	bcq, otgq	54	46	5.0	0.13	
	Leith ...	29.60	54	E	1	o	29.6	+05	57	50	+4	WNW	2	c	*	o	58	47	*	-	
	North Shields ...	29.51	51	N	3	o	29.62	+08	51	49	+1	WSW	1	o	2	op, r, o	52	48	*	0.01	
	Spurn Head ...	29.50	50	NW	5	o	29.66	+23	51	50	+1	WNW	3	c	2	o	52	48	*	0.18	
FRANCE.	Yarmouth ...	29.44	55	WNW	3	o	29.63	+27	50	49	-4	WNW	3	ot	3	cp, o	58	48	*	0.87	
	Loughborough ...	29.54	53	NW	2	omp	29.69	+25	50	48	+1	WNW	3	o	*	omp	54	48	*	0.06	
	Oxford ...	29.60	51	N	2	ot	29.75	+32	48	47	-3	W	2	ot	*	ot	53	48	*	0.42	
	London (Brixton) ...	29.54	51	SW	1	ot	29.73	+33	50	48	-3	NW	2	og	2	op, r	54	47	0.0	1.16	
	The Scaw (Skagen) ...	29.78	59	SE	3	o	29.80	-03	55	59	+1	SE	3	o	1	o	59	54	*	-	
	Fanö ...	29.63	57	SE	4	r	29.73	+12	56	53	-3	S	2	b	*	r	64	54	*	0.20	
	Cuxhaven ...	29.58	64	SW	2	c	29.74	+15	58	53	-1	SW	2	bc	*	c	64	54	*	0.08	
	The Helder ...	29.53	55	SW	4	c	29.67	+22	54	51	-5	SSW	3	bc	1	c	63	48	*	0.12	
	Brussels ...	*	*	*	*	*	29.75	+25	50	46	-5	SSW	3	o	*	bc	64	45	*	0.04	
	Berlin ...	29.70	66	S	2	c	29.71	-04	60	56	-4	NW	1	o	*	c	73	57	*	-	
SPAN. PEN.	Frankfurt ...	29.76	57	SW	4	c	29.81	+12	54	50	-6	SW	4	o	*	c	68	52	*	0.08	
	Munich ...	29.87	52	W	4	r	29.90	+08	44	43	-13	W	6	r	*	r	64	44	*	0.59	
	C. Gris Nez ...	29.60	53	SW	6	c	29.70	+28	49	48	-6	W	5	o	5	c	57	46	*	?	
	Brest ...	29.85	54	NW	3	c	30.00	+31	52	49	0	WNW	4	r	4	c	57	48	*	0.16	
	Lorient ...	29.86	54	NW	5	r	29.97	+26	53	53	0	NNW	5	o	5	r	61	48	*	0.16	
	Rochefort ...	29.89	58	W	6	c	30.02	+21	56	52	-1	W	6	o	*	c	59	50	*	0.16	
	Biarritz ...	30.10	59	W	5	c	30.17	+22	57	54	-1	WNW	4	r	4	c	63	54	*	-	
	Paris ...	29.73	58	SW	4	bc	29.80	+22	50	49	-8	WNW	2	o	3	bc	64	46	20.1	0.08	
	Belfort ...	29.78	56	WSW	5	o	29.89	+14	46	44	-10	SW	6	o	*	o	71	45	*	0.04	
	Lyons ...	29.86	42	WSW	1	o	30.04	+18	52	46	-8	WSW	1	o	*	o	70	42	*	-	
Nice ...	29.75	67	NW	6	b	29.75	-07	61	48	+2	W	6	b	6	b	72	52	*	-		
Perpignan ...	29.97	60	NW	4	o	30.08	+16	59	52	-2	NW	5	b	*	o	68	53	*	-		
SPAN. PEN.	Corunna ...	30.20	57	N	4	b	30.15	-01	60	53	-1	N	5	b	*	b	66	54	*	-	
	Lisbon ...	30.30	64	SE	3	bc	30.28	+01	65	61	+1	ESE	2	bc	2	bc	72	61	*	-	
Azores (P. Delgada) ...	30.30	64	SE	3	bc	30.28	+01	65	61	+1	ESE	2	bc	2	bc	72	61	*	-		

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

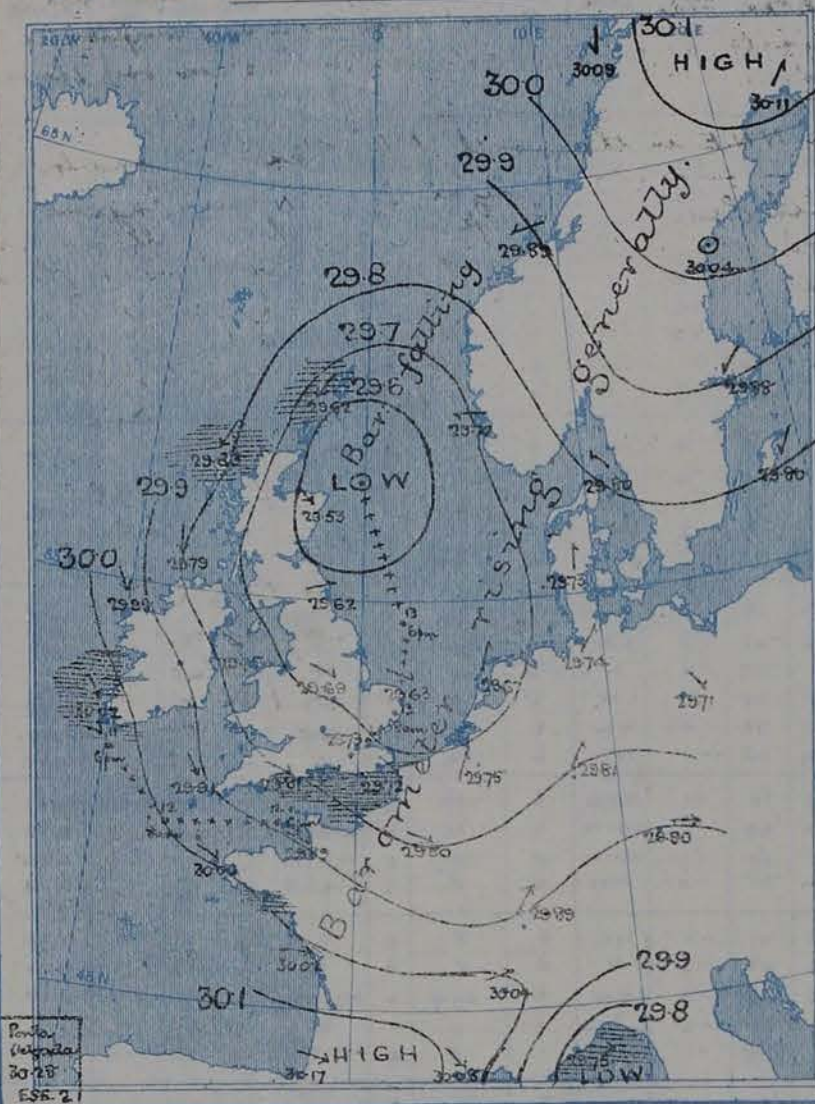
+ Observations received too late for insertion in Charts on next page.

DAILY WEATHER REPORT

FOR Saturday 14th June, 1902

I BAROMETER, WIND AND SEA This Morning

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows show Directions and Force, flying with the wind.
Force above 10 → Force 5 to 7 → Force 1 to 4 → Calm
SEA—Rough High



II TEMPERATURE AND WEATHER This Morning

TEMPERATURE—Isobars are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale. (See P. 4.)
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



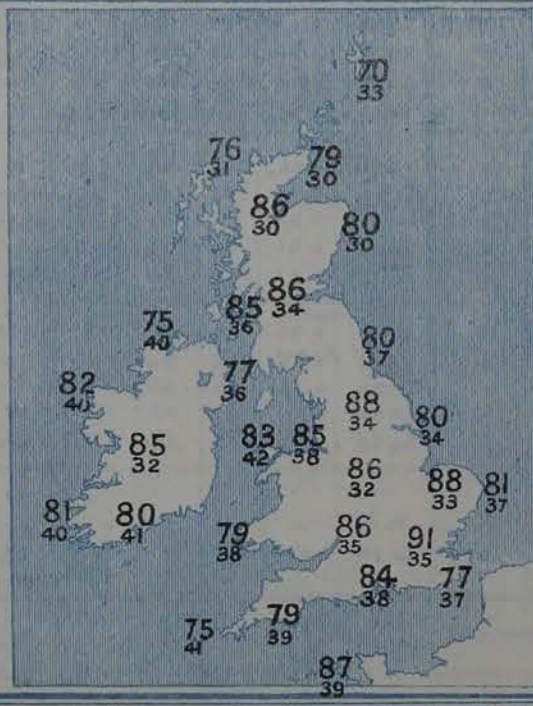
III BAROMETER AND WIND

Yesterday morning.



IV EXTREMES OF TEMPERATURE in month of JUNE (1871-1900)

Specimen { Highest Max, 80
(for Shields) { Lowest Min, 37
Main Head & Blacksed Helmslet Values are for only 25 Yrs



V Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period
JUNE. (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The depression of yesterday has now moved northwards to a position off the east of Scotland and some shallow secondary systems have been developed in its rear - over England and the southern parts of the North Sea. The distribution of pressure is very complex, the readings ranging from 30.17 in. at Biarritz, 30.02 in. at Valencia and 30.1 in. over the north of Sweden, to 29.53 in. at Aberdeen.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is fresh from N.N.E. in the north of Scotland, strong from N and N.W. over our western coasts, moderate to light from W. over England, and from S.W. to S.E. over the North Sea. Temperature has fallen several degrees over Scotland and the North Sea and still more over South Germany. In our Islands it ranges from 57° at Leith, 54° at Dungeness and 53° at Scilly to 47° at Stornoway and Lumburg Head. It remains, therefore, below the average, except at Leith. On the Continent 44° is recorded at Munich, 50° at Paris, 60° at Berlin and 61° at Nice. The weather is very unsettled - showery at our western stations, very rainy over Great Britain and at Munich, and fine in Sweden and Lapland. The sea is rough in all exposed parts of the Irish and English Channels.

Since yesterday rain has fallen generally; the fall has been as great as 1.16 in. in London, 0.87 in. at Harwich, and 0.7 in. at Lumburg Head. Bright sunshine has been greatest in the south-west (12.5 hrs. at Scilly, and 9 hrs. in the southern half of Ireland). The highest of the maximum temperatures was 60° at Roches Point.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A gradual improvement in the weather is now in progress over England and tomorrow will be both drier and milder than today, with N.W.^{ly} and W.^{ly} winds.

FORECASTS *

For the 24 hours ending at NOON on 15th June, 1902

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

N^{ly} to W^{ly} winds; cold and very rainy, Improving tomorrow.

W^{ly} to S.W^{ly} winds; rainy to fair. Warmer tomorrow.

DISTRICTS.

FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

Same as Nos. 0 to 2.
N.W.^{ly} and W^{ly} winds; showery at first, finer later and warmer.

WARNINGS

None issued.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.			
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	Dry.	Wet.	Change.	*	0	*	*	59 47	1.8	0.69
Newton Reigny (Penrith) ...	29.58	55	NNW 3	3	29.67 +14	52	49	+2	NW 3	2c	*	c.b., s.c.	60 43	5.3	0.04
Bath	29.58	52	NW 1	+	29.77 +22	52	47	0	NW 1	0	*	+	51 49	0.0	1.01

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	54	45	o.c., 0	0.0	0.27	Worthing	*	*	+	0.0	*
Birmingham, 9 p.m. ...	54	47	0	0.0	0.20	Llandudno	*	*	+	0.0	*
Lowestoft, up to 6 p.m. ...	59	51	od	0.8	0.16	Rhyl up to 6 p.m. ...	*	*	+	1.6	*
Hastings	*	*	*	0.6	*	Southport, 9 p.m. ...	59	49	0	0.2	0.01
Eastbourne up to 6 p.m. ...	*	*	*	3.1	*	Manchester, 9 p.m. ...	63	49	cb	0.2	0.02
Brighton up to 6 p.m. ...	*	*	*	0.6	*	Darwen, 9 p.m. ...	57	45	o.m.b	0.1	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 13 June -/02	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 12 June -/02	TEMPERATURE, F. at 1 p.m.		WEATHER.	RAIN. (measured at 7 a.m.)
	Max.	Min.				Max.	Min.		
Marseilles	72	59	0	0	Geneva	70	6	—	Ins.
Utrecht	68	54	c	0	Berne	64	0	0.12	—
Copenhagen	59	50	c	0	Lucerne	66	0	—	—
Prague	73	54	b	c	Lausanne	?	?	0.04	—
Vienna	68	54	c	c	Lugano	70	0	—	—
Buda-Pesth	68	59	r	b	Locarno	?	?	0.08	—
St. Petersburg	57	46	b	1					
Rome	73	55	c	16					
Malta	82	68	?	6					
Madeira (Funchal) ...	68	54	0	0					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

4 June, 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	h. m. 3. 31	h. m. 11. 53	h. m. 8. 14
Greenwich	3. 44	12. 0	8. 16
Wick	3. 7	12. 12	9. 17
Valencia	4. 22	12. 41	8. 59

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

SUNDAY 15TH JUNE

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.	YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
	Barom.	Temp.	Wind.				Barometer.	Temperature.				Wind.					Temp.				
	At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	Weather.		At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Weather.	Sea (0 to 9.)		Max.	Min.	Sun- shine. Hours	Rainfall. Ins.	
	Ins.						Ins.	Ins.	°	°											
SCANDINAVIA.	Häparanda ...	30.04	66	Z	0	b	29.89	-22	61	55	+9	NE	4	c	*	b	66	41	*	-	
	Herrösand ...	29.95	55	Z	0	b	29.73	-31	62	48	+9	NE	6	b	*	b	64	39	*	-	
	Stockholm ...	29.76	57	NE	2	o	29.54	-34	54	49	-1	NW	6	o	*	o	63	43	*	-	
	Wisby ...	29.66	49	NNE	6	+	29.54	-26	47	44	-4	N	6	+	*	+	57	37	*	0.24	
	Karlstad ...	29.81	63	E	2	o	29.72	-19	59	50	+2	ESE	2	b	*	o	57	37	*	-	
	Færder (X'ania Fjord)	29.78	63	N	1	b	29.77	-10	60	56	+6	NNE	2	bc	1	b	63	54	*	-	
	Bodö ...	30.04	51	N	4	b	30.01	-08	48	44	+2	N	2	c	2	b	54	45	*	-	
	Christiansund ...	29.80	50	N	3	f	29.94	+05	48	47	-3	NE	3	f	3	f	59	46	*	-	
BRITISH ISLANDS.	Skudesnaes ...	29.82	55	Z	0	o	29.78	+08	59	55	+3	NE	2	b	1	o	59	52	*	-	
	Sumburgh Head ...	29.72	48	NE	3	f	29.84	+22	47	46	0	NE	4	o	6	r.f	49	46	*	0.24	
	Stornoway ...	29.83	46	NE	6	r	29.79	-04	49	48	+2	ESE	6	+	6	d.r	49	44	0.9	0.40	
	Malin Head ...	29.79	47	N	7	op	29.69	-10	48	48	0	N	7	om	6	o,op	49	45	*	0.02	
	Blacksod Pt. ...	29.97	51	NNE	5	cpm	29.93	-05	48	47	-2	NW	5	rm	4	cpm	53	46	*	0.04	
	Valencia ...	30.00	52	NW	6	eq	29.98	-04	49	45	-1	NNW	5	eq	5	cp,eq	53	46	8.9	0.08	
	Roche's Point ...	29.91	53	N	6	eq	29.88	-05	50	47	-2	NNW	6	c	4	bc,eq	57	46	*	0.01	
	Parsonstown ...	29.88	52	NNW	5	op	29.84	-06	46	45	-2	WNW	6	eq	*	op	54	45	1.4	0.03	
GERMANY, &c.	Donaghadee ...	29.75	50	N	5	ogu	29.69	-14	50	49	-1	N	4	o	3	ogu	53	46	*	-	
	Liverpool Obsy. ...	29.72	50	W	5	o	29.67	-02	50	49	0	Z	0	o	1	p,o	55	42	*	0.07	
	Holyhead ...	29.76	50	NW	5	om	29.68	-07	49	48	0	NNW	5	dm	4	om	54	46	*	0.10	
	Pembroke (St. Ann's)	29.80	50	NW	5	o	29.76	-04	47	45	-2	NW	5	out	6	o,dp	47	45	1.1	0.16	
	Scilly (St. Mary's) ...	29.91	55	NW	4	bc	29.86	-05	51	49	-2	NW	5	cp	3	c,bc	57	48	12.7	0.03	
	Jersey (St. Aubins) ...	29.98	55	W	6	c	29.83	-06	53	50	-1	W	5	cm	4	c,gp	57	48	10.1	0.08	
	Portland Bill ...	29.78	51	WNW	4	c	29.77	-04	50	49	-1	WNW	4	c	3	bc,c	54	49	*	-	
	Dungeness ...	29.73	53	W	4	bc	29.73	+01	51	50	-3	NNW	2	o	1	r,bc	55	45	*	0.04	
FRANCE.	Wick ...	29.65	48	NNE	1	f	29.80	+22	49	49	+1	NE	1	f	2	f	49	46	*	0.12	
	Nairn ...	29.66	49	N	3	o	29.74	+07	50	49	+2	NNE	1	o	2	o	50	45	*	0.45	
	Aberdeen ...	29.60	47	NE	3	ogr	29.75	+22	47	47	-1	E	2	og	4	og,ogr	51	46	0.0	0.13	
	Leith ...	29.61	56	WNW	2	o	29.69	+06	50	49	-7	NE	1	o	*	o	60	47	*	0.25	
	North Shields ...	29.60	57	WSW	2	o	29.68	+06	49	49	-2	NE	1	o	2	o,r	58	48	*	0.04	
	Spurn Head ...	29.67	52	SSE	4	o	29.67	+01	51	50	0	S	2	o	2	o,r	55	48	*	0.26	
	Yarmouth ...	29.69	52	NE	1	ov	29.65	+02	52	50	+2	SSW	2	c	2	d,ov	52	47	*	0.32	
	Loughborough ...	29.69	56	W	1	o	29.69	00	50	47	0	WNW	1	ow	*	nto,c,o	56	44	*	0.44	
GERMANY, &c.	Oxford ...	29.74	48	WNW	1	+	29.72	-03	50	47	+2	WSW	3	c	*	o,r,t	56	45	*	0.15	
	London (Brixton) ...	29.72	55	SSW	1	o	29.72	-01	51	48	+1	NW	2	o	*	ov,o,t	56	46	0.0	0.36	
	The Scaw (Skagen) ...	29.75	57	NNE	2	c	29.75	-05	59	56	+4	ESE	2	c	0	c	63	54	*	-	
	Fanö ...	29.78	51	NE	2	+	29.77	+04	52	51	-4	WNW	2	+	*	+	?	?	*	0.28	
	Cuxhaven ...	29.75	59	N	2	o	29.77	+03	53	52	-5	SSE	2	o	*	o	63	52	*	0.24	
	The Helder ...	29.74	53	SW	1	c	29.73	+06	53	51	-1	SSW	1	o	0	c	59	50	*	-	
	Brussels ...	*	*	*	*	*	29.78	+03	50	47	0	SSW	4	o	*	o	58	41	*	0.08	
	Berlin ...	29.72	54	NW	2	+	29.74	+03	52	51	-8	NW	3	+	*	+	64	50	*	0.91	
FRANCE.	Frankfurt ...	29.82	54	SW	4	c	29.84	+03	54	50	0	SW	4	c	*	c	63	50	*	-	
	Munich ...	29.91	50	W	6	b	29.93	+03	54	48	+10	W	5	b	*	b	55	45	*	0.20	
	C. Gris Nez ...	29.75	50	WSW	5	c	29.72	+02	50	49	+1	SW	4	c	4	c	55	48	*	0.39	
	Brest ...	29.99	52	N	3	bc	29.92	-08	51	47	-1	NW	3	bc	2	bc	57	50	*	-	
	Lorient ...	29.95	54	NW	5	c	29.93	-04	52	51	-1	NW	3	b	3	c	57	48	*	0.08	
	Rochefort ...	29.99	57	W	5	bc	29.96	-06	54	49	-2	NW	4	c	*	bc	63	48	*	0.20	
	Biarritz ...	30.13	59	W	4	c	30.08	-09	52	52	-5	WNW	2	+	3	c	61	52	*	0.32	
	Paris ...	29.85	57	NW	3	c	29.86	+06	52	48	+2	SSW	2	bc	*	c	63	43	*	0.08	
SPAN. PEN.	Belfort ...	29.91	45	WSW	3	+	29.89	00	48	46	+2	SW	6	o	*	+	57	43	*	0.35	
	Lyons ...	29.97	56	NE	1	+	29.98	-06	53	?	+1	NW	1	c	*	+	66	47	*	-	
	Nice ...	29.73	68	WNW	1	b	29.84	+09	63	53	+2	E	1	b	1	b	77	50	*	-	
	Perpignan ...	30.02	63	NW	4	o	30.02	-06	60	52	+1	W	2	b	*	o	74	52	*	-	
SPAN. PEN.	Corunna ...	30.25	59	NW	3	b	30.10	-12	55	52	+3	NW	2	o	3	b	61	50	*	-	
	Lisbon ...	30.07	57	N	5	b	30.04	-11	60	53	0	?N	5	b	*	b	66	54	*	-	
	Azores (P. Delgada)	30.25	65	SE	2	bc	30.21	-07	65	63	0	ESE	3	+	3	bc	73	63	*	-	

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR Sunday 15th June, 1902

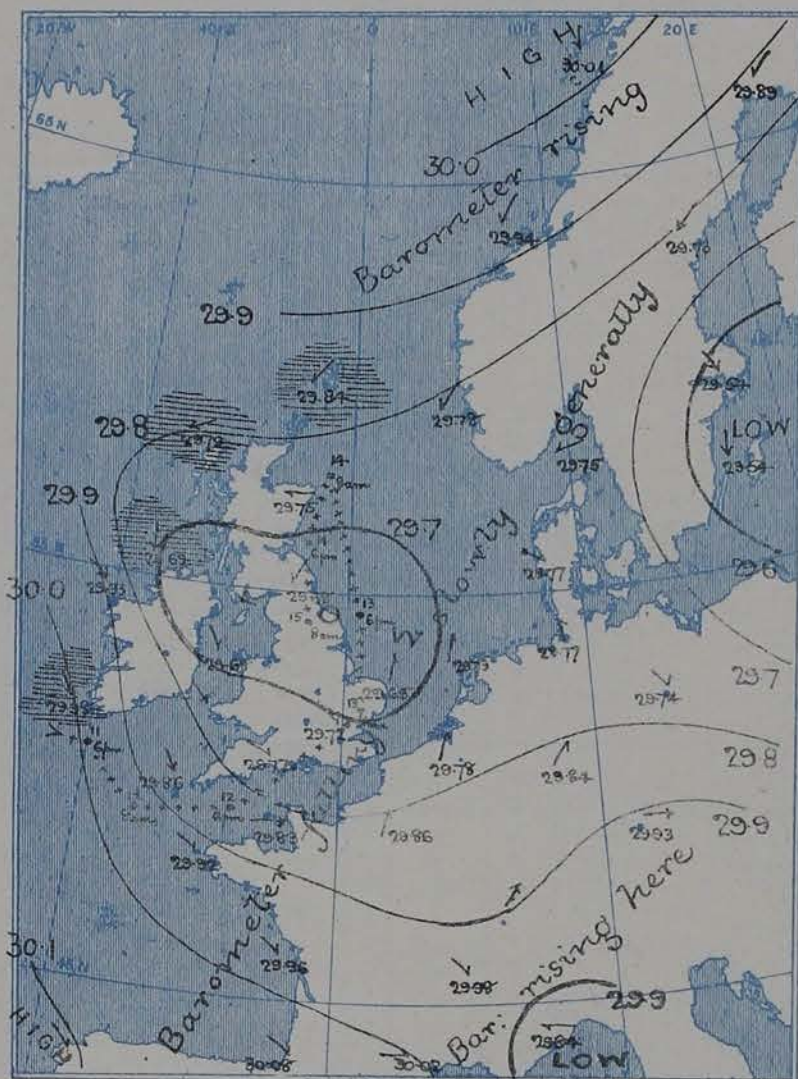
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ⊙
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High :



II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4)

RAINFALL.—(A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.8)



III. BAROMETER AND WIND

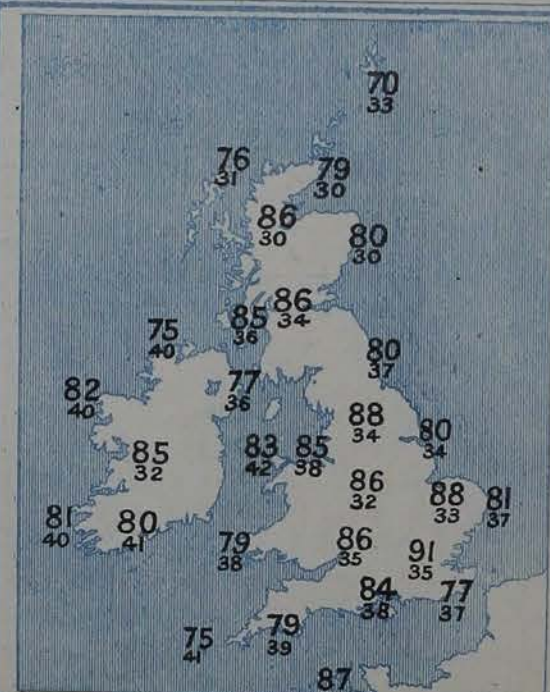
Yesterday morning.



IV. EXTREMES OF TEMPERATURE in month of JUNE (1871-1900).

Specimen { Highest Max, 80
(for Shields) { Lowest Min, 37

Malin Head & Blacksod & Belmullet Values are for only 15 Yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period JUNE. (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is now highest, 30.1 ins. and upwards, in an area lying off the Portuguese coasts, but is also high, 30.0 ins. and upwards, in another system lying off the northwest of Norway. The lowest pressures 29.6 ins. and less, are found in a cyclonic system over the northern part of the Baltic, but readings are also low 29.7 ins. and less, in a disturbance with its centre over Yorkshire, the latter system being identical with that noticed yesterday off the east of Scotland. The barometer is falling in most parts of our area, - briskly in Sweden.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is Northeast over Scandinavia and the northern part of Great Britain, and North-westerly in the west and south of our islands and the west of France, its force being strong in many places. Over the Netherlands, the east of Germany, and the northeast of France it is light from the South or Southwest, while in the south of France it is rather variable. Temperature continues low over western Europe generally, the morning readings being as a rule very little above 50; at several of our own western and northern stations the thermometer is below that point, the lowest reported being 46° at Parnassus. Over the Gulf of Bothnia however the readings are slightly above 60°. The weather is fine over the greater part of France and also in Scandinavia but is cloudy or dull in most other parts of western Europe, with rain at several of our western stations, and also at Wisby, Berlin, and Biarritz. The sea is rough on our extreme western and northern coasts, but moderate or slight elsewhere. During yesterday the thermometer in our islands failed to reach 60° at any station excepting Leith; at many places in the north it remained below 55; and on our extreme north and northwest coasts below 50°. The amount of bright sunshine was small except in the west; at many stations in the eastern parts of the Kingdom there was none. Rain fell in most parts of northwest Europe, and thunder occurred over the central and southeast parts of England.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS*

For the 24 hours ending at NOON on June 16th 1902

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

NONE ISSUED

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

NONE ISSUED

WARNINGS

None Issued

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine.	Rainfall
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °	Hrs.	Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	0	*	0	54	46	0.0	0.25
Newton Reigny (Penrith)																	
Bath	29.75	50	NW 2	0	?	?	51	48	-1	W 2	0	*	0	56	46	1.5	0.18

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	61	46	c	5.7	0.03	Worthing	*	*	*	3.4	*
Birmingham, 9 p.m. ...	56	46	0	0.2	0.11	Llandudno	*	*	*	4.0	*
Lowestoft, up to 6 p.m. ...	*	*	*	*	*	Rhyl up to 6 p.m. ...	*	*	*	*	*
Hastings	*	*	*	*	*	Southport, 9 p.m. ...	57	50	c, uv	8.6	0.08
Eastbourne up to 6 p.m. ...	*	*	*	*	*	Manchester, 9 p.m. ...	60	46	c, m, dr	0.0	-
Brighton	*	*	*	*	*	Darwen, 9 p.m. ...	*	*	*	*	*

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				at 1 p.m.	°		
14 JUNE				Ins.	13 June:				Ins.
Marseilles	70	52	0	6	Geneva	61		r	0.35
Utrecht	66	45	c	c	Berne	63		0	0.12
Copenhagen	64	54	6	0	Lucerne	59		0	0.44
Prague	75	55	0	r	Lausanne	?		?	0.28
Vienna	72	57	0	0	Lugano	59		r	0.24
Buda-Pesth	73	61	0	6	Locarno	?		?	0.63
St. Petersburg	66	45	6	0					
Rome	78	61	6	6					
Malta	79	68	?	6					
Madeira (Funchal) ...	68	55	0	0					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	15 June, 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.	Yarmouth	3.51	11.53	8.15
Germany, Denmark, Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	3.44	12.0	8.16
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	3.7	12.12	9.17
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia	4.22	12.41	9.0
Portugal	8 a.m. (Lisbon)	8.36 a.m.						

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on MONDAY 16th JUNE 1902
 Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.	
		At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		Weather.	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Weather.	Max.			Min.
SCANDINAVIA.	Haparanda ...	29.75	54	NE	4	c	29.73	-16	55	49	-6	NE	6	0	*	c	66	48	*	-	
	Hernösand ...	29.71	57	Z	0	b	29.73	00	60	51	-2	N	4	b	*	b	68	50	*	-	
	Stockholm ...	29.59	51	NNW	2	r	29.62	+08	49	48	-5	NNW	6	r	*	r	59	46	*	0.20	
	Wisby ...	29.64	48	W	1	o	29.60	+06	47	46	0	NNW	2	f	*	o	54	41	*	0.20	
	Karlstad ...	29.72	56	Z	0	bc	29.75	+03	59	54	0	N	2	0	*	bc	*	*	*	-	
	Färder (X'ania Fjord) ...	29.68	62	WSW	4	c	29.75	-02	59	54	-1	NNE	2	0	1	c	66	57	*	-	
	Bodö ...	30.00	45	N	4	b	29.99	-02	45	41	-3	N	4	bc	2	b	50	43	*	-	
	Christiansund ...	30.02	48	NE	5	f	30.08	+14	46	42	-2	ENE	6	0	4	f	50	41	*	-	
	Skudesnaes ...	29.74	54	NNW	4	b	29.76	-02	55	53	-4	ESE	2	0	1	b	70	52	*	*	
	Sumburgh Head ...	29.84	46	NE	4	o	29.92	+08	47	43	0	NE	5	0	6	o	48	44	*	0.01	
BRITISH ISLANDS.	Stornoway ...	29.98	47	E	5	ot	30.02	+23	46	44	-3	ENE	6	0	6	ot	52	44	0.0	0.22	
	Malin Head ...	29.76	50	NNE	2	og	29.88	+19	51	50	+3	NE	4	c	3	o,og	52	47	*	-	
	Blacksod Pt. ...	29.94	51	NNW	5	r	29.92	-01	52	50	+4	N	5	c	4	o,r	52	46	*	0.03	
	Valencia ...	29.98	51	WNW	5	op	29.89	-09	54	52	+5	NW	1	c	4	c,op	54	48	3.5	0.07	
	Roche's Point ...	29.82	52	NNW	6	og	29.84	-04	54	52	+4	N	2	0	2	c,og	54	49	*	0.01	
	Parsonstown ...	29.78	50	W	5	ot	29.87	+03	51	49	+5	NNW	1	c	*	ot	51	46	0.0	0.13	
	Donaghadee ...	29.72	53	NNE	2	cp	29.83	+14	52	50	+2	NNE	3	c	2	cp	54	48	*	0.08	
	Liverpool Obsy. ...	29.71	50	WNW	1	op	29.78	+11	51	49	+1	NNE	2	0	2	op	52	48	*	0.15	
	Holyhead ...	29.71	50	NNE	2	md	29.80	+12	51	50	+2	NNE	2	om	2	r,md	51	48	*	0.44	
	Pembroke (St. Ann's) ...	29.75	49	WNW	5	o	29.73	-03	50	49	+3	N	4	ogmp	4	o	51	45	0.0	0.07	
GERMANY, &c.	Scilly (St. Mary's) ...	29.87	55	WNW	5	c	29.81	-06	52	50	+1	WNW	5	m	4	c	57	49	5.5	0.02	
	Jersey (St. Aubins) ...	29.87	53	WNW	5	og	29.85	+02	51	49	-2	W	4	ogp	3	op,og	55	49	3.0	0.09	
	Portland Bill ...	29.76	51	W	4	op	29.75	-02	51	51	+1	W	4	op	4	c,op	54	48	*	0.07	
	Dungeness ...	29.74	52	WSW	4	o	29.74	+01	52	52	+1	WNW	3	op	1	d,o	58	49	*	0.10	
	Wick ...	29.87	47	NE	3	r	29.93	+13	46	44	-3	E	4	r	3	r	49	44	*	0.20	
	Nairn ...	29.84	49	NNE	2	r	29.95	+21	47	46	-3	NNE	2	r	2	r	51	44	*	0.38	
	Aberdeen ...	29.81	48	NE	3	og	29.88	+13	47	46	0	NW	3	ogp	3	o,og	51	46	0.0	0.04	
	Leith ...	29.77	52	ENE	3	o	29.85	+16	48	47	-2	ENE	3	r	*	o	54	47	*	0.11	
	North Shields ...	29.73	49	NNE	2	om	29.79	+11	48	48	-1	NNE	2	f	3	om,f	52	45	*	-	
	Spurn Head ...	29.71	53	E	3	b	29.75	+08	54	52	+3	E	3	c	2	b	56	47	*	-	
FRANCE.	Yarmouth ...	29.68	55	WSW	1	c	29.72	+07	54	51	+2	ESE	3	b	3	c	55	50	*	-	
	Loughborough ...	29.69	56	WNW	1	c	29.75	+06	49	48	-1	NE	2	odm	*	o,c,od	58	44	*	0.01	
	Oxford ...	29.72	52	SW	2	op	29.74	+02	51	50	+1	NNE	1	ot	*	oup,op	54	48	*	0.09	
	London (Brixton) ...	29.72	52	W	2	c	29.74	+02	51	50	0	SE	1	o	*	o,c,od	60	50	1.6	0.02	
	The Scaw (Skagen) ...	29.74	59	SW	1	c	29.75	00	55	54	-4	W	2	0	0	c	63	55	*	-	
	Fanö ...	29.82	50	WNW	2	r	29.83	+06	52	51	0	WNW	2	0	*	r	54	50	*	0.32	
	Cuxhaven ...	29.79	56	ESE	2	bc	29.82	+05	55	52	+2	S	2	b	*	bc,rlr	56	50	*	0.24	
	The Helder ...	29.75	54	SE	1	bc	29.78	+05	55	51	+2	S	1	bc	0	bc	61	45	*	-	
	Brussels ...	*	*	*	*	*	29.82	+04	51	49	+1	SSW	2	r	*	r	59	46	*	0.04	
	Berlin ...	29.80	59	NW	3	b	29.85	+11	57	53	+5	NW	2	b	*	b	66	46	*	0.04	
SPAN. PEN.	Frankfurt ...	29.87	52	SW	2	bc	29.91	+07	50	46	-4	W	2	c	*	bc	63	45	*	-	
	Munich ...	29.91	54	Z	0	o	29.97	+04	44	44	-10	W	4	r	*	o	59	43	*	0.43	
	C. Gris Nez ...	29.75	50	WSW	5	o	29.73	+01	52	51	+2	WSW	4	0	3	c	54	50	*	0.16	
	Brest ...	29.99	52	WNW	3	o	29.93	+01	51	50	0	W	3	c	3	o	57	48	*	-	
	Lorient ...	29.95	55	WNW	4	bc	29.93	00	53	53	+1	WNW	5	bc	4	bc	59	50	*	-	
	Rochefort ...	29.97	58	WNW	4	c	30.03	+07	56	50	+2	WNW	4	bc	*	c	59	50	*	-	
	Biarritz ...	30.12	57	E	4	c	30.11	+03	52	49	0	S	2	0	5	c	59	48	*	0.39	
	Paris ...	29.86	52	SW	2	bc	29.89	+03	48	48	-4	SSW	2	0	*	bc	57	48	*	0.20	
	Belfort ...	29.88	51	SW	4	bc	29.92	+03	48	46	0	WSW	4	0	*	bc	59	41	*	0.04	
	Lyons ...	29.99	55	SE	1	o	30.02	+04	?	48	?	NNE	1	0	*	o	65	45	*	0.04	

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR MONDAY 16TH JUNE 1902

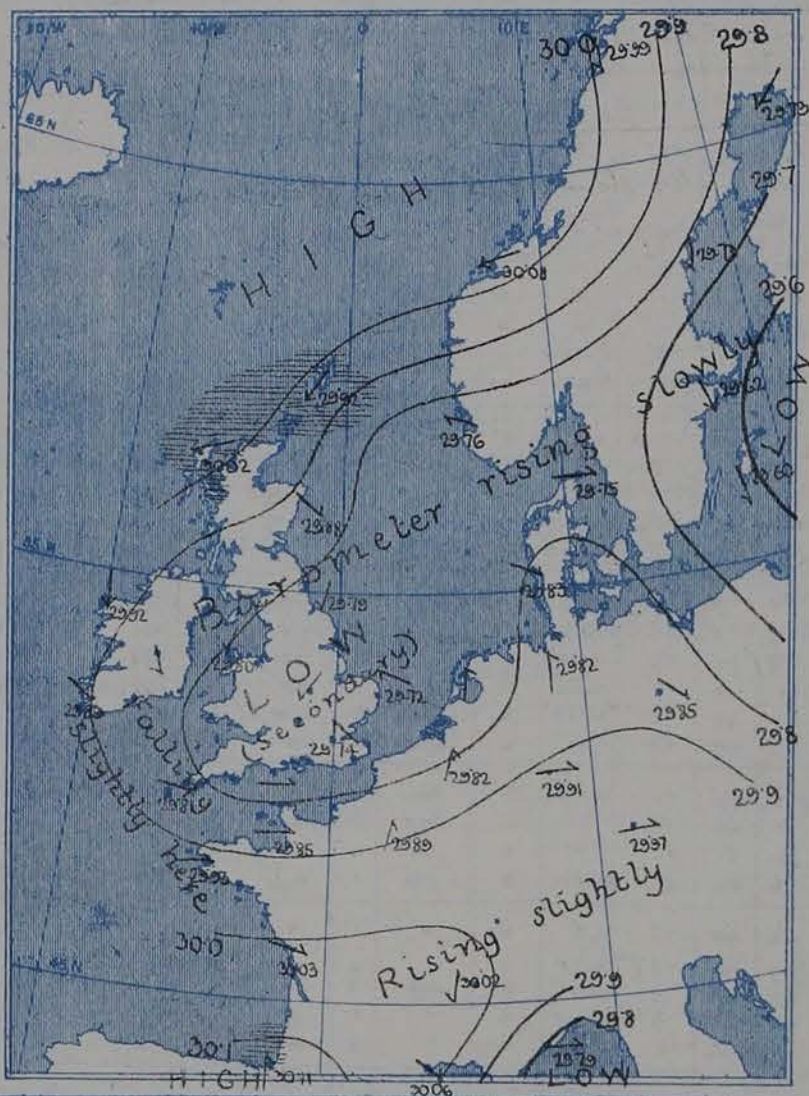
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High

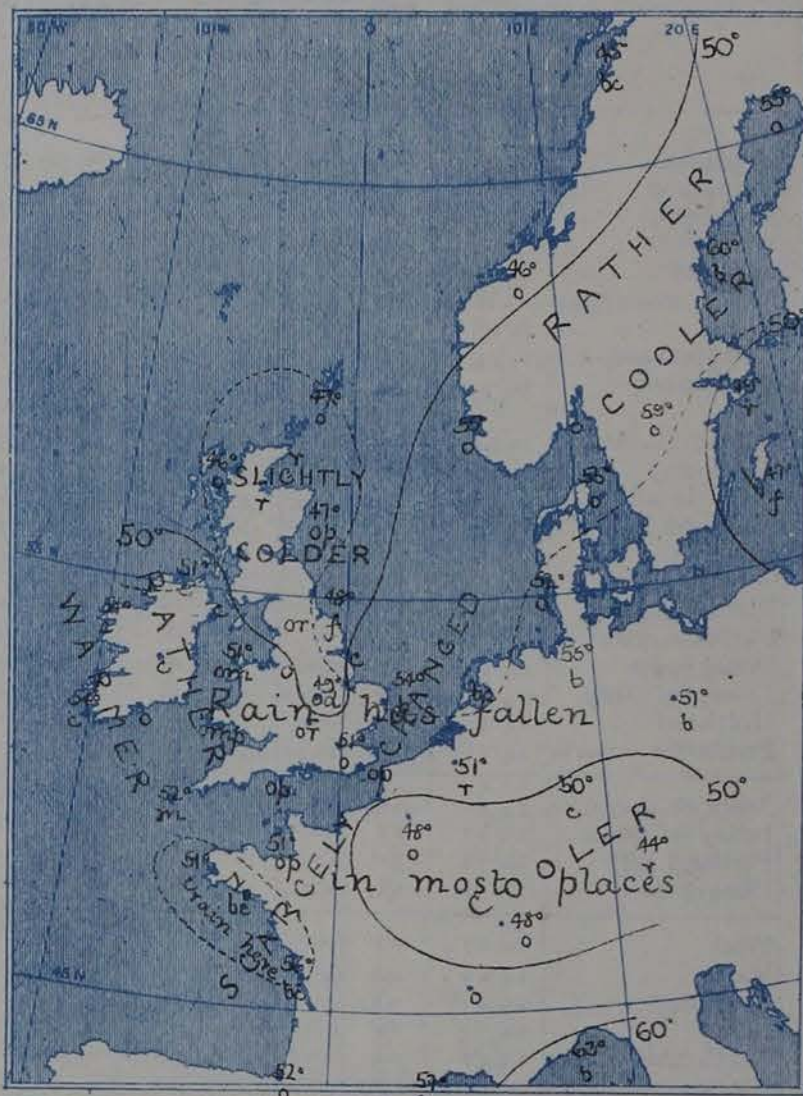


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III. BAROMETER AND WIND

Yesterday morning.

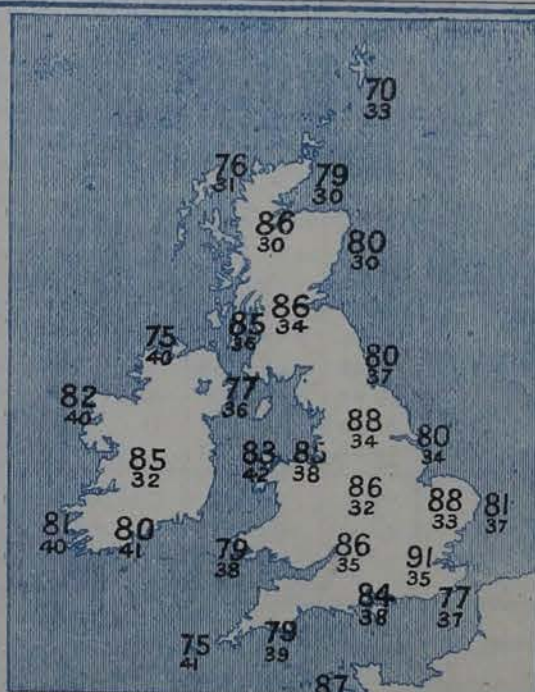


IV. EXTREMES OF TEMPERATURE

in month of JUNE (1871-1900)

Specimen { Highest Max, 80
(for Shields) { Lowest Min, 37

Malin Head & Blacksod Bebnulet Values are for only 45 yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

JUNE. (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The depression which passed over England in a northerly direction on Friday has become much shallower, but has moved southwards again to a position over the North Sea, while over Central England shallow subsidiary disturbances have appeared. This complex system is now secondary to a larger system having its centre over Russia. Readings at present vary from 30.11 in. at Bidart and 30.68 in. at Christiansund to 29.66 in. at Wisby and 29.72 in. at Bath.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is N.E.^{ly} moderate to fresh over Scotland and the north of England, N.^{ly} on our western coasts, and W.^{ly} in the south of England and over France; it is S.^{ly} light over the Netherlands, but N.^{ly} over Sweden and the Baltic. Temperatures remain very low, ranging from 54° at Valencia and 52° at Dungeness to 47° at Aberdeen and 46° at Stornoway. At Hernösand (Sweden) it is 60°. The weather remains very dull over our Islands, with rain in many parts of Great Britain and the north of France, and is in an extremely unsettled state over all the north-western parts of Europe. The sea is rough in the far North, but moderate to smooth elsewhere.

Yesterday temperature just touched 60° in London, which is 10° lower than the average daily maximum for June. Rain again fell in most places and though there were 5.5 hours of sunshine at Scilly, there was hardly any elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Unsettled, rainy and cold weather is likely to continue, with varying winds in the south of England, N.W.^{ly} to N.E.^{ly} elsewhere, and heavy clouds.

FORECASTS *

For the 24 hours ending at NOON on 17th June, 1902

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	N.E. ^{ly} winds, moderate to fresh; dull, rainy, unsettled.	6 { SCOTLAND WEST	Same as Nos. 0 to 4.
1 { SCOTLAND EAST		7 { ENGLAND N.W.	
2 { ENGLAND N.E.		8 { ENGLAND S.W.	Same as No. 5.
3 { ENGLAND EAST		9 { IRELAND NORTH	N. ^{ly} and N.E. ^{ly} winds, moderate; cold, some showers.
4 { MIDLAND COUNTIES	Wind shifting to the N.E. th moderate; rainy, perhaps thunder. Cold.	10 { IRELAND SOUTH	
5 { ENGLAND SOUTH		WARNINGS	None issued.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	c	*	o	56	46	0.0	0.21
Newton Reigny (Penrith)	29.72	51	20	3	29.80		48	48		NNE 3	ogr	*	ogr	55	47	0.1	0.22
Bath	29.72	53	W 3	o	29.72	-2	53	51	+2	NE 1	c	*	o	57	49	1.0	0.04

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	54	46	c, o	0.0	0.16	Worthing	*	*	*	1.4	*
Birmingham, 9 p.m. ...	57	44	o	0.1	-	Llandudno	*	*	*	0.0	*
Lowestoft, up to 6 p.m. ...						Rhyl up to 6 p.m. ...	*	*	*	0.0	*
Hastings	*	*	*	0.2	*	Southport, 9 p.m. ...	56	48	c, r, o	0.0	0.02
Eastbourne up to 6 p.m. ...	*	*	*	0.2	*	Manchester, 9 p.m. ...					
Brighton	*	*	*	0.5	*	Darwen, 9 p.m. ...	50	43	om, u	0.0	0.15

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 15 JUNE:	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 14. JUNE: 1902	TEMPERATURE, F. at 1 p.m. °	WEATHER. 1 p.m.	RAIN. (measured at 7 a.m.)
	Max. °	Min. °						
Marseilles	<i>Information not yet recd</i>			Ins.	Geneva	50	r	0.20
Utrecht... ..					Berne	54	o	0.12
Copenhagen... ..					Lucerne	55	o	0.51
Prague					Lausanne	?	?	0.16
Vienna					Lugano	70	6	2.21
Buda-Pesth					Locarno	?	?	3.27
St. Petersburg								
Rome								
Malta								
Madeira (Funchal)								

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

16 June 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	h. m. 3.31	h. m. 11.53	h. m. 8.15
Greenwich	3.44	12.0	8.16
Wick	3.7	12.12	9.18
Valencia	4.22	12.41	9.0

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

TUESDAY 17TH JUNE.

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.		BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	Time		Sun- shine. Hours	Rainfall Ins.		
		At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	Weather.	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Weather.	Max.			Min.					
																			Ins.			Ins.	°
SCANDINAVIA.	Haparanda ...	29.66	49	NE	4	bc	29.86	+13	46	40	-9	NNW	6	bc	*	bc	64	46	*	-			
	Hernösand ...	29.81	55	Z	0	r	29.84	+11	48	46	-12	N	4	r	*	r	63	48	*	-			
	Stockholm ...	29.67	47	NNW	6	r	29.75	+13	51	46	+2	NNW	6	o	*	r	52	45	*	0.28			
	Wisby ...	29.62	46	NNW	2	f	29.74	+14	46	45	-1	N	8	r	*	f	52	37	*	0.32			
	Karlstad ...	29.78	55	SW	2	o	29.89	+14	?	?	?	NW	2	o	*	o	*	*	*	-			
	Færder (X'ania Fjord)	29.76	60	WNW	4	o	29.91	+16	51	46	-8	NNE	5	o	2	o	63	50	*	-			
	Bodö ...	30.01	45	N	5	b	30.00	+01	44	40	-1	N	1	c	1	b	46	43	*	-			
	Christiansund ...	30.10	46	NE	4	c	30.08	-00	45	41	-1	NE	3	c	3	c	50	39	*	-			
	Skudesnaes ...	29.85	56	SW	2	o	29.90	+14	52	51	-3	S	4	o	2	o	57	50	*	-			
	Sumburgh Head	29.98	46	NE	6	c	30.04	+12	47	43	0	NE	5	b	6	c	51	42	*	-			
Stornoway ...	30.08	48	E	5	o	30.14	+12	46	42	0	ENE	5	o	5	o	51	43	0.2	-				
Malin Head ...	29.91	53	N	3	bc	30.04	+16	51	50	0	E	3	om	3	bc	55	46	*	-				
Blacksod Pt. ...	29.97	52	N	4	c	29.99	+07	53	51	+1	Z	0	bm	1	bc,c	55	46	*	-				
Valencia ...	29.94	56	NW	4	bm	29.99	+10	55	53	+1	Z	0	cm	3	bm	60	44	12.0	-				
BRITISH ISLANDS.	Roche's Point ...	29.90	60	NW	1	bcp	30.01	+17	56	54	+2	ESE	1	bm	1	o,bcp	63	47	*	0.01			
	Parsonstown ...	29.90	58	N	1	o	30.00	+13	55	51	+4	Z	0	*	*	o	61	47	4.4	-			
	Donaghadee ...	29.94	51	E	2	cgm	30.04	+21	49	47	-3	SE	2	cg	2	cgm	53	47	*	-			
	Liverpool Obsy.	29.84	53	NNW	1	c	30.02	+24	48	46	-3	NNE	2	o	2	otp,c	66	44	*	0.23			
	Holyhead ...	29.87	52	NNE	3	bm	30.00	+20	50	48	-1	NE	3	c	2	cm,bm	53	48	*	-			
	Pembroke (St. Ann's)	29.81	53	N	5	bc	29.98	+25	54	51	+4	N	4	bcw	3	bc	57	48	6.7	-			
	Scilly (St. Mary's)...	29.91	56	NW	5	c	29.96	+15	55	52	+3	NW	1	c	2	c	58	50	8.5	-			
	Jersey (St. Aubins)...	29.80	54	W	5	cgm	29.97	+12	55	52	+4	NW	3	cm	3	ogp,cgm	55	50	0.2	0.05			
	Portland Bill ...	29.76	52	N	2	c	29.96	+21	52	51	+1	ENE	2	c	2	c	58	48	*	0.03			
	Dungeness ...	29.74	53	W	5	bcp	29.92	+18	52	51	0	N	3	c	1	cp,bcp	57	50	*	0.06			
Wick ...	30.00	48	NE	4	o	30.07	+14	48	44	+2	NE	4	o	3	o	50	44	*	0.02				
Nairn ...	30.02	48	E	3	c	30.06	+11	47	44	0	NE	2	c	3	c	49	43	*	0.02				
Aberdeen ...	29.94	46	N	3	og	30.02	+14	46	44	-1	N	3	og	3	ogp,og	48	43	0.1	0.01				
Leith ...	29.91	50	NNE	3	o	30.04	+19	48	44	0	N	2	o	*	o	50	45	*	0.10				
North Shields ...	29.86	47	NNE	2	r	29.97	+18	46	46	-2	N	3	d	3	d,o,r	49	44	*	0.39				
Spurn Head ...	29.81	52	NNE	3	bc	29.95	+20	52	49	-2	NNW	3	bc	3	bc	58	47	*	-				
Yarmouth ...	29.75	56	ENE	3	bc	29.88	+16	55	53	+1	NNE	3	cv	3	b,bc	57	50	*	-				
Loughborough ...	29.79	57	ENE	4	bc	29.97	+22	49	48	0	NW	2	omd	*	op,bc,o	58	44	*	0.15				
Oxford ...	29.81	51	N	2	bc	29.97	+23	51	48	0	N	2	op	*	o,bc	57	46	*	0.02				
London (Brixton)	29.77	54	Z	0	o	29.96	+22	51	48	0	NE	1	o	*	gpd,o,bc	60	46	0.0	0.01				
GERMANY, &c.	The Scaw (Skagen)	29.82	54	NW	2	m	29.86	+11	54	53	-1	WNW	4	m	1	m	61	50	*	-			
	Fanö ...	29.88	54	N	2	c	29.93	+10	56	55	+4	NE	2	b	*	c	63	50	*	-			
	Cuxhaven ...	29.83	57	N	1	c	29.92	+10	58	54	+3	SW	1	b	*	c	59	50	*	0.16			
	The Helder ...	29.68	55	Z	0	bc	29.89	+11	59	55	+4	ESE	1	bc	0	bc	59	48	*	0.16			
	Brussels ...	*	*	*	*	*	29.93	+11	55	51	+4	SSE	1	o	*	o	60	45	*	0.08			
	Berlin ...	29.85	62	Z	0	o	29.90	+05	54	53	-3	SW	1	r	*	o	72	54	*	0.08			
	Frankfurt ...	29.89	53	SW	2	c	29.93	+02	51	48	+1	W	1	b	*	c	64	43	*	-			
	Munich ...	29.93	50	Z	0	o	29.95	-02	48	46	+4	W	3	o	*	o	55	43	*	0.28			
FRANCE.	C. Gris Nez ...	29.77	53	SW	2	c	29.92	+19	52	51	0	SW	2	r	3	c	55	50	*	0.08			
	Brest ...	29.89	50	WNW	4	o	30.02	+09	52	50	+1	N	2	o	2	o	54	50	*	-			
	Lorient ...	29.91	53	W	5	o	30.00	+07	53	52	0	NNW	3	c	3	o	57	50	*	-			
	Rochefort ...	29.95	58	W	4	c	29.98	-05	57	53	+1	WNW	4	c	*	c	63	50	*	0.16			
	Biarritz ...	30.10	58	W	3	o	30.07	+04	58	54	+6	WSW	4	o	2	o	61	52	*	-			
	Paris ...	29.86	56	SW	2	o	29.93	+04	52	50	+4	SSE	1	c	*	o	59	46	*	0.04			
Belfort ...	29.88	53	W	2	c	29.92	-00	49	46	+1	SW	3	m	*	c	60	40	*	-				
Lyons ...	29.95	56	NW	8	r	30.00	-02	51	51	?	N	1	c	*	r	66	48	*	-				
Nice ...	29.76	63	E	3	bc	29.77	-02	59	53	-4	E	2	b	2	bc	73	50	*	-				
Perpignan ...	29.97	60	SW	2	o	30.02	-04	58	50	+1	W	2	b	*	o	71	49	*	-				
SPAN. PEN.	Corunna ...																						
	Lisbon ...	30.09	59	N	5	b	30.11	+06	67	59	+4	N	4	b	*	b	73	57	*	-			
	Azores (P. Delgada)																						

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

Tuesday, 17th June, 1902

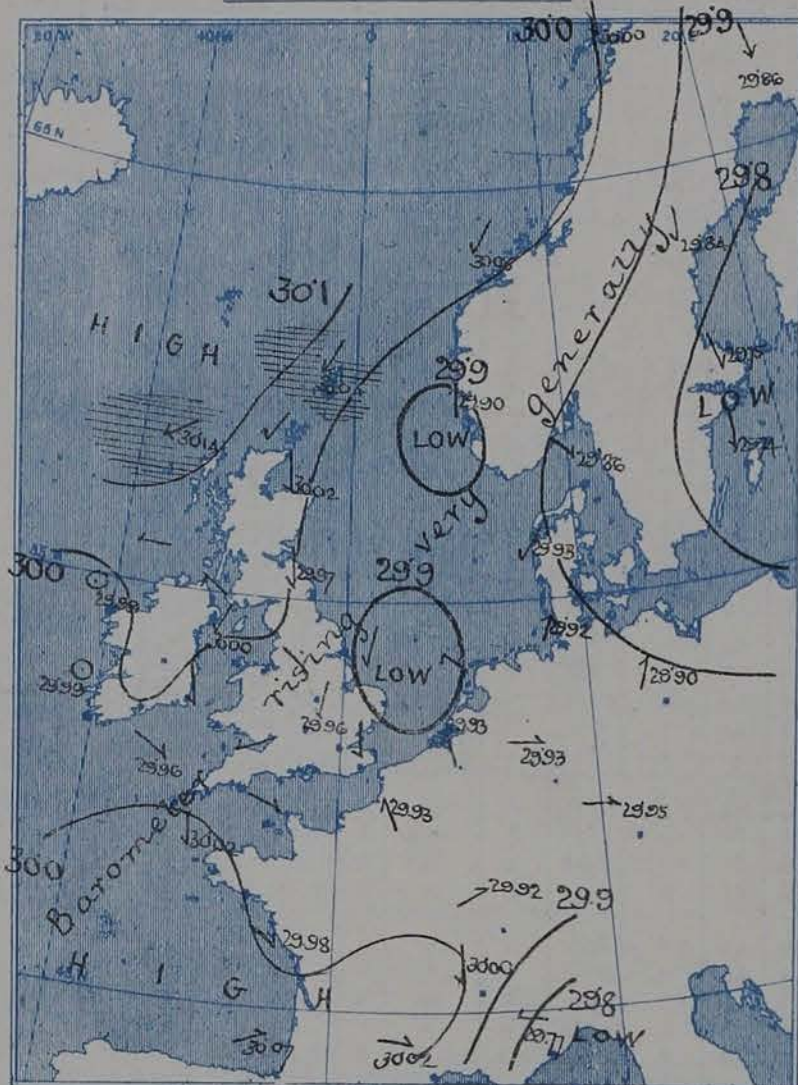
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ⊙
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High

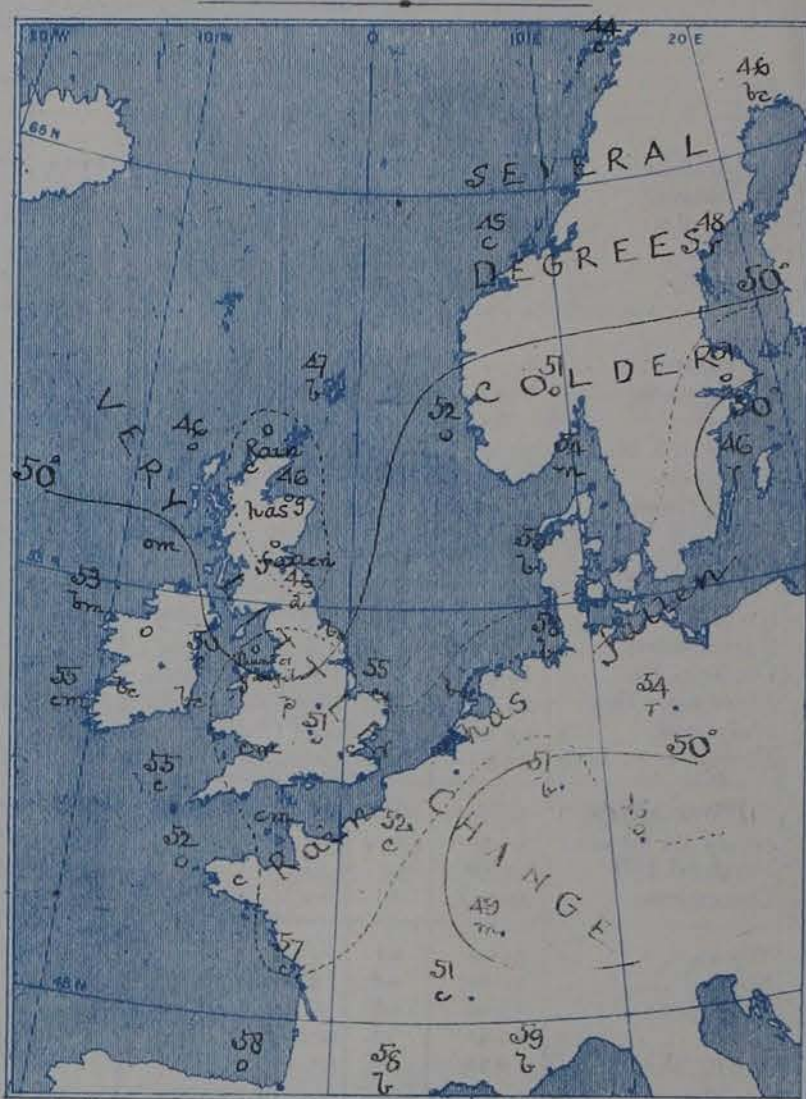


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.8



III. BAROMETER AND WIND

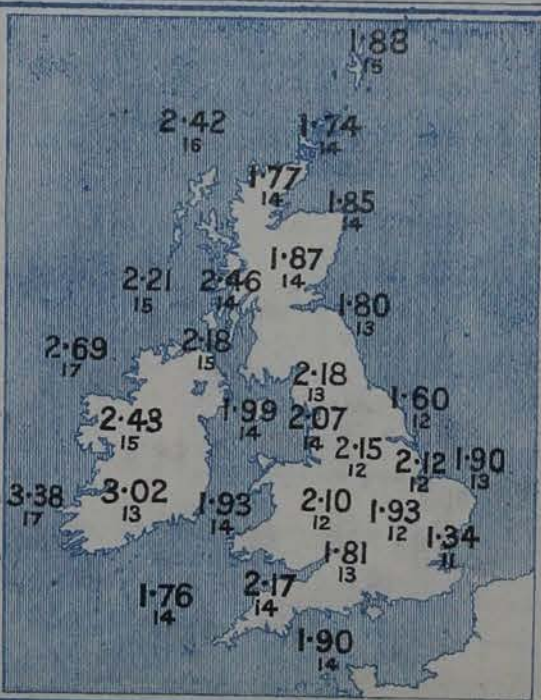
Yesterday morning.



IV. Average RAINFALL and NUMBER OF RAIN DAYS in month of JUNE (1871-1900)

Specimen { RAINFALL 1.80
(for Shields) { RAIN DAYS 13

Malin Head & Blacksod: Belmullet Values are for only 15 Yrs.



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

JUNE. (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometrical pressure is now highest, 30.1 in. and upwards, over the Hebrides and the neighbouring parts of the Atlantic, but is also high, 30.0 in. and upwards, over the Bay of Biscay and the north-west of France. The lowest readings, 29.8 in. and less, are found (1) in a large cyclonic area over the Gulf of Finland and the northern part of the Baltic, and (2) in a small depression over the Gulf of Genoa; small shallow disturbances are also reported over the northern and southern parts of the North Sea. The low pressure systems are, however, all dispersing, and the barometer is at present rising generally.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind varies between N. and E. over the greater part of the United Kingdom, but is calm in the west of Ireland; in the Netherlands the N.E. wind blows freshly. In Scandinavia the wind is N.W. (strong in force in Sweden with a gale at Wisby), but in Germany and the southern parts of France it is chiefly W. Temperature has not changed much excepting in Sweden, where a decided fall is reported. The readings are still very low for the time of year, being very little above 50° over the United Kingdom as a whole, and below that point at most of our northern and central stations. Equally low readings are reported in many parts of France and Germany, the thermometer standing at 48° at Munich and 49° at Belfort. The weather is cloudy or dull in most places, with slight rain over the northern and central parts of England; rain is falling also at Herford, Wiesbaden and Berlin. In Holland and North Germany, and in the extreme south of France the weather is fine. The sea is slight or smooth generally, but rough off the north of Scotland. The maximum temperatures registered yesterday were below 50° on several parts of our north-east coasts and below 60° in most other parts of the Kingdom; in London the thermometer just rose to 60°, while in the south of Ireland that value was slightly exceeded. The duration of bright sunshine was generally small, but amounted to as much as 12.0 hr. at Valencia and 8.5 hr. at Lowestoft and Lelly. Rain fell in most parts of Great Britain, Germany, the Netherlands and the north of France, and thunder was heard at Liverpool.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general distribution is still very irregular, and further showers are probable in many parts of England. The high pressure system in the north is, however, inclined to spread southwards, and some improvement in the weather is anticipated over our northern districts.

FORECASTS*

For the 24 hours ending at NOON on 18th June, 1902

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	N.E. winds, light or moderate; fair, cool.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	
3	{ ENGLAND EAST	N.W. winds, light; cool, changeable, some showers.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

6	{ SCOTLAND WEST	N.W. and N.E. winds, light; cool, changeable, some showers.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	
9	{ IRELAND NORTH	Light breezes, chiefly E. fair, cool.
10	{ IRELAND SOUTH	

WARNINGS

None issued

Note.—The South Cone, point downwards (T), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (T), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.									PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.	
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °			
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	bc	58	45	8.2	-
Newton Reigny (Penrith)	29.88	46	N 1	0	30.02	+22	45	44	-3	NW 3	ogr	*	ogr	51	42	0.0	0.21	
Bath	29.77	53	E 1	+	29.96	+24	47	47	-6	NE 1	0	*	+	59	44	0.0	0.31	

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	56	46	o, c, o	1.9	0.39	Worthing	*	*	*	1.7	*
Birmingham, 9 p.m. ...	58	47	o	1.0	0.07	Llandudno	*	*	*	4.6	*
Lowestoft, up to 6 p.m. ...	57	48	c	8.5	-	Rhyl up to 6 p.m. ...	*	*	*	1.8	*
Hastings	*	*	*	3.6	*	Southport, 9 p.m. ...	59	47	o, c, op	1.6	0.22
Eastbourne up to 6 p.m. ...	*	*	*	3.0	*	Manchester, 9 p.m. ...	62	38	o, c, b	0.8	-
Brighton	*	*	*	3.8	*	Darwen, 9 p.m. ...	53	44	o, m, w	0.2	0.05

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				at 1 p.m.	at 1 p.m.		
16. VI. 02				Ins.	15. VI. 02				Ins.
Marseilles	70	52	o	6	Geneva	<i>Information not yet recd</i>			
Utrecht	63	45	r	0	Berne				
Copenhagen	66	55	o	0	Lucerne				
Prague	66	50	o	0	Lausanne				
Vienna	66	50	6	bc	Lugano				
Buda-Pesth	70	54	6	c	Locarno				
St. Petersburg	72	66	6	c					
Rome	74	57	o	6					
Malta	77	70	o	bc					
Madeira (Funchal)	68	54	o	c					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER. Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

17 JUNE, 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3.31	11.54	8.16
Greenwich	3.44	12.1	8.17
Wick	3.7	12.13	9.18
Valencia	4.22	12.42	9.1

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " " £1 10 0 " Single Copies, 6d

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 9 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

WEDNESDAY 18TH JUNE

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.		
		At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Max.	Min.				
																				Ins.	Ins.
SCANDINAVIA.	Haparanda ...	29.84	46	NNE	4	0	29.89	+03	46	41	0	N	2	c	*	0	52	41	*	-	
	Hernösand ...	29.91	48	Z	0	0	29.91	+07	54	45	+6	Z	0	bc	*	0	57	45	*	0.04	
	Stockholm ...	29.91	52	Z	0	b	29.96	+21	59	54	+8	S	4	b	*	b	59	45	*	-	
	Wisby ...	29.95	48	SW	2	r	29.99	+25	55	51	+9	SSE	6	b	*	r	55	36	*	0.12	
	Karlstad ...	29.90	58	Z	0	b	29.96	+07	54	47	?	E	2	b	*	b	*	*	*	-	
	Færder (X'iania Fjord)	29.93	57	WSW	3	bc	29.93	+02	57	54	+6	Z	0	0	1	bc	57	50	*	-	
	Bodö ...	29.95	45	Z	0	b	29.78	-22	46	42	+2	E	2	0	1	b	48	41	*	-	
	Christiansund ...	30.02	48	NE	5	0	29.97	-11	44	44	-1	WNW	6	r	4	0	48	43	*	-	
	Skudesnaes ...	30.00	52	SSW	2	c	30.02	+12	55	50	+3	NNW	6	c	2	c	55	52	*	*	
	Sumburgh Head ...	30.11	52	NNW	3	b	30.08	+04	50	45	+3	WNW	2	c	4	c, b	53	43	*	-	
BRITISH ISLANDS.	Stornoway ...	30.13	52	E	5	b	30.12	-02	50	46	+4	SE	1	bc	0	b	54	40	11.1	-	
	Malin Head ...	30.02	54	ESE	5	c	30.04	+06	52	50	+1	ESE	5	c	3	a, c	55	46	*	-	
	Blacksod Pt. ...	29.99	56	N	1	cm	29.97	-02	55	52	+2	SE	4	bc	3	bc, cm	52	52	*	-	
	Valencia ...	29.98	56	SE	2	cm	29.89	-10	57	54	+2	E	4	c	4	cm	60	52	4.1	0.07	
	Roche's Point ...	30.06	55	SSE	2	0	29.96	-05	52	52	-4	SE	4	rm	3	c, o	57	50	*	0.22	
	Parsonstown ...	30.02	60	ESE	3	0	30.00	00	53	49	-2	SE	2	0	*	0	63	48	1.7	-	
	Donaghadee ...	30.12	53	SSE	1	b	30.10	+06	51	49	+2	SE	3	c	2	b	56	44	*	-	
	Liverpool Obsy. ...	30.09	50	WNW	1	0	30.11	+09	51	50	+3	ESE	2	0	?	0	55	48	*	-	
	Holyhead ...	30.09	51	NNE	2	c	30.08	+08	56	54	+6	SE	1	m	1	b, c	56	48	*	-	
	Pembroke (St. Ann's)	30.04	54	NNE	4	c	30.05	+07	52	51	-2	SSE	4	cmg	4	c	60	50	6.2	-	
GERMANY, &c.	Scilly (St. Mary's) ...	30.07	59	S	1	c	30.02	+06	55	54	0	S	5	m	3	bc, m, c	62	52	9.8	0.04	
	Jersey (St. Aubins) ...	30.08	57	WNW	3	bc, m	30.15	+18	57	54	+2	ESE	2	cm	2	cm, bc, m	61	47	10.5	-	
	Portland Bill ...	30.07	54	Z	0	bc	30.14	+18	54	53	+2	ESE	2	bc	2	adm, bc	55	46	*	0.01	
	Dungeness ...	30.04	56	NE	1	b	30.16	+24	53	52	+1	NE	1	c	1	bc, b, d, r, b	61	45	*	0.28	
	Wick ...	30.14	51	NE	3	bc	30.12	+05	50	48	+2	S	2	b	1	bc	53	39	*	-	
	Nairn ...	30.13	52	E	2	bc	30.13	+07	51	47	+4	E	1	bc	1	bc	54	34	*	-	
	Aberdeen ...	30.12	50	ENE	3	bc	30.15	+13	53	49	+7	E	2	b	2	o, bc	54	44	3.3	-	
	Leith ...	30.11	49	E	1	0	30.13	+09	50	46	+2	ENE	2	c	*	0	52	46	*	-	
	North Shields ...	30.10	48	N	3	0	30.15	+18	47	45	+1	NW	1	0	3	d, o	50	46	*	0.02	
	Spurn Head ...	30.10	50	NNE	3	b	30.13	+18	54	50	+2	E	1	b	3	b	59	47	*	-	
FRANCE.	Yarmouth ...	30.02	59	NNE	4	b	30.13	+25	55	52	0	NE	3	b	3	bc, b	60	50	*	-	
	Loughborough ...	30.06	62	NW	1	bc	30.15	+18	55	51	+6	SE	2	cmw	*	o, p, c, bc	64	43	*	0.02	
	Oxford ...	30.10	56	NE	1	0	30.16	+19	51	50	0	ENE	1	c	*	0	61	42	*	-	
	London (Brixton) ...	30.05	60	NE	3	bc	30.15	+19	54	51	+3	E	2	0	*	c, p, bc	62	49	5.6	0.02	
	The Scaw (Skagen) ...	29.96	56	WNW	2	c	29.98	+12	53	50	-1	W	2	0	0	c	61	50	*	-	
	Fanö ...	30.06	52	NW	2	b	30.10	+17	51	51	-5	W	4	0	*	b	56	48	*	-	
	Cuxhaven ...	30.00	62	N	2	b	30.10	+18	57	54	-1	N	3	b	*	b	62	54	*	-	
	The Fielder ...	30.00	58	NE	1	b	30.13	+24	56	52	-3	NE	1	b	0	b	64	52	*	-	
	Brussels ...	*	*	*	*	*	30.14	+21	49	49	-6	NW	1	f	*	b	65	44	*	0.04	
	Berlin ...	29.93	57	E	1	+	29.99	+09	59	54	+5	NE	2	c	*	+	59	54	*	0.51	
SPAN. PEN.	Frankfurt ...	29.99	57	N	2	b	30.06	+13	53	51	+2	N	2	+	*	b	66	51	*	0.08	
	Munich ...	29.98	47	W	5	0	29.99	+04	47	47	-1	W	5	+	*	0	55	45	*	0.59	
	C. Gris Nez ...	30.04	55	NNE	2	c	30.22	+30	51	50	-1	NE	2	0	?	c	61	45	*	-	
	Brest ...	30.18	57	NNW	1	c	30.12	+10	54	53	+2	S	2	0	3	c	59	54	*	-	
	Lorient ...	30.10	57	WNW	4	c	30.14	+14	54	53	+1	ENE	2	c	2	c	61	50	*	-	
	Rochefort ...	30.10	59	WNW	4	b	30.13	+15	59	57	+2	W	1	b	*	b	61	54	*	-	
	Biarritz ...	30.21	62	W	2	b	30.18	+11	67	54	-1	S	2	b	2	b	64	52	*	-	
	Paris ...	30.03	58	S	2	bc	30.16	+23	48	48	-4	NNE	2	0	*	bc	62	45	*	-	
	Belfort ...	29.98	56	Z	0	c	30.07	+15	52	49	+3	WSW	4	bc	*	c	62	44	*	0.24	
	Lyons ...	30.05	55	NW	2	bc	30.12	+12	52	46	+1	NNW	1	c	*	bc, c	66	46	*	0.04	
Nice ...	29.84	60	Z	0	b	29.88	+11	63	51	+4	E	1	b	1	b	66	48	*	0.04		
Perpignan ...	30.06	66	NW	4	b	30.12	+10	60	53	+2	W	3	bc	*	b	71	55	*	-		
SPAN. PEN.	Corunna ...																	*	*		
	Lisbon ...																	*	*		
	Azores (P. Delgada)																	*	*		

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page

WEATHER CHARTS

FOR WEDNESDAY, 18TH JUNE, 1902

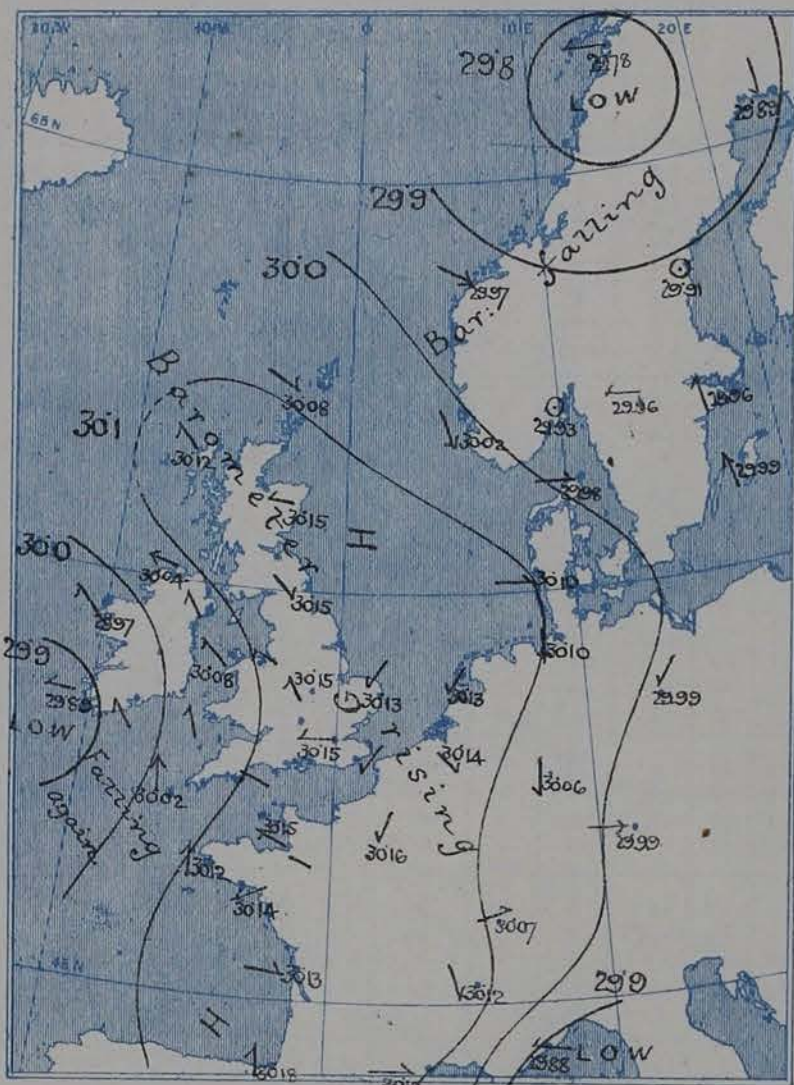
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High



II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

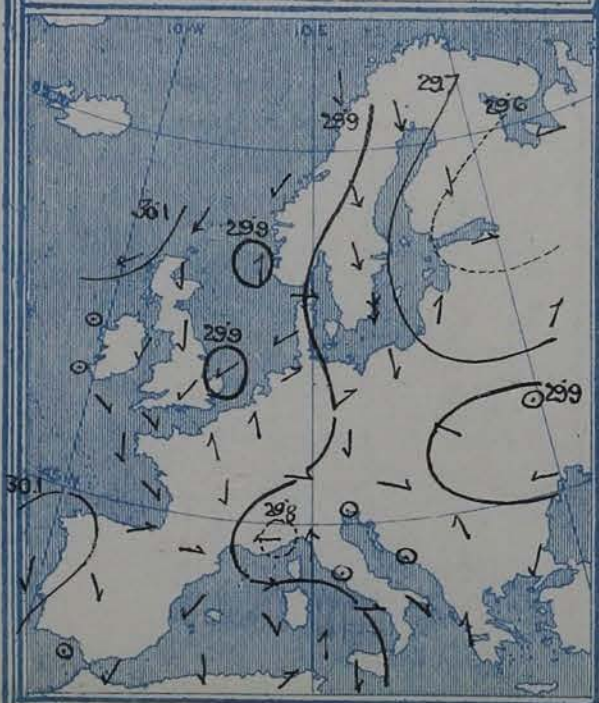
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III. BAROMETER AND WIND

Yesterday morning.



IV. Average RAINFALL and NUMBER OF RAIN DAYS in month of JUNE (1871-1900)

Specimen { RAINFALL 1.80
(for Shields) RAIN DAYS 13

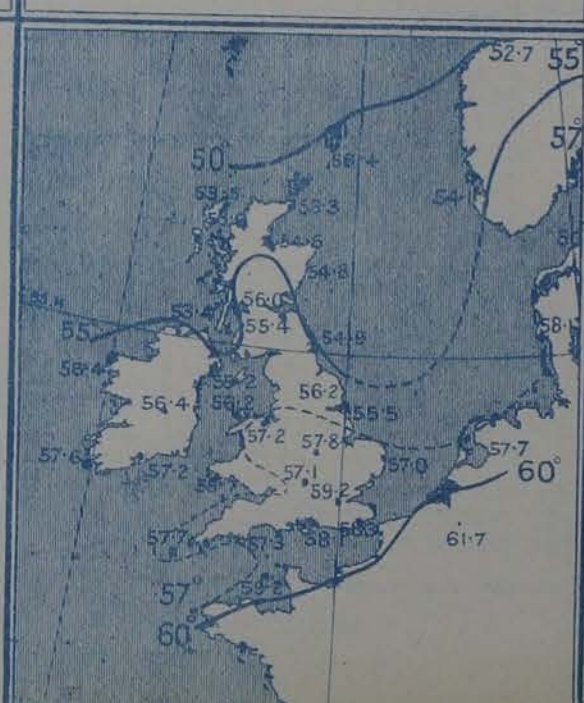
Malin Head & Blacksod Bay Belmullet Values are for only 15 yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

JUNE. (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

A broad anticyclonic ridge with readings exceeding 30.1 in. now extends from Spain and France over the major part of Great Britain and the North Sea, and the barometer is rising slightly on our east coasts and in the western parts of the Continent. The lowest readings, 29.8 in. and less, are found in a shallow cyclonic system lying over the north of Scandinavia, but pressure is low, 29.9 in. and less, in two other disturbances—one lying over the Gulf of Genoa, and the other approaching the south-west of Ireland from the south-westward. On our western coasts the barometer is now falling again.

WIND

TEMPERATURE

WEATHER

AND

SEA

Under the influence of the approaching disturbance the wind has shifted to the S.E. on all our western coasts and has freshened in places, with dull misty weather, and with rain at Roche's Point. In the northern, eastern and central parts of our islands the wind is at present light from the E. and the weather fair or fine. Light N.W. breezes and fine weather are reported over France, the Netherlands and North Germany, but rain is falling at Frankfurt and Munich. On the eastern shores of the North Sea the wind is moderate to strong from the W. or N.W. and the weather dull, but in the South of Sweden S.W. breezes and clear skies are reported.

Due to the prevalence of sunshine the thermometer has risen in many parts of Great Britain; the readings over our islands are, however, still low—below 55° in many places and below 50° in the extreme north of England. At Munich the reading is only 47°, at Paris 48° and at Brussels 49°. The sea is slight or smooth generally.

During yesterday the thermometer rose to 60° or rather above it at most of our western and southern stations, and to 64° at Droughborough; on the north and north-east coasts of Great Britain it did not reach 55°. The amount of bright sunshine, though larger than of late, was small, except at a few isolated places in the west and south-west; at Jersey there was as much as 10.5 hr. and at Skarsoy 11.1 hr. Showers fell in many parts of England and Ireland, and considerable quantities of rain at some of the German stations; a thunderstorm occurred at Dungeness and thunder only at Lyons.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general appearance is again very unsettled. The cyclonic disturbance which is approaching the Irish coasts is likely to advance eastwards and to occasion rainy weather, first in the west and south and afterwards, in all probability, in the north and east.

FORECASTS *

For the 24 hours ending at NOON on 19th June, 1902

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

E^{ly} winds, light or moderate; fine at first, some rain later.

E^{ly} and S.E.^{ly} winds, light or moderate; fair to-day, rain again to-night and tomorrow.

DISTRICTS.

FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

Same as Nos. 0 to 2.


E^{ly} and S.E.^{ly} winds, moderate; dull, some rain.


S.E.^{ly} winds, strong; dull, misty, rainy.

S.E.^{ly} to E^{ly} winds, moderate or fresh; dull, unsettled, some rain.

WARNINGS

None issued.

Note.—The South Cone, point downwards (), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	0	*	0.6	57	47	3.1	0.02
Newton Reigny (Penrith)	30.09	50	NW 1	0	30.12	+1.0	47	46	+2	SE 2	0	*	0.3	51	43	0.0	—
Bath	30.06	48	W 1	6	30.12	+1.6	55	51	+8	SE 1	6	*	6	59	40	2.8	0.12

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	57	43	o.c.o	1.7	0.12	Worthing	*	*	*	6.3	*
Birmingham, 9 p.m. ...	54	46	c	0.0	0.11	Llandudno	*	*	*	9.0	*
Lowestoft, up to 6 p.m. ...	57	48	c	6.5	-	Rhyl up to 6 p.m. ...	*	*	*	5.0	*
Hastings	*	*	*	7.3	*	Southport, 9 p.m. ...	58	45	o	0.6	0.03
Eastbourne up to 6 p.m. ...	*	*	*	6.2	*	Manchester, 9 p.m. ...	60	46	ow, cb	0.0	0.10
Brighton	*	*	*	5.3	*	Darwen, 9 p.m. ...	54	41	d, mu	0.3	0.09

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 17. VI. 02	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 18 VI. 02	TEMPERATURE, F. at 1 p.m.		WEATHER. 1 p.m.	RAIN. (measured at 7 a.m.)
	Max.	Min.				°	°		
Marseilles	68	54	o	6	Ins.	Geneva	61	0	Ins.
Utrecht	61	50	h	0	0.04	Berne	48	0	0.20
Copenhagen	63	52	o	0	0.04	Lucerne	55	0	0.47
Prague	64	52	o	0	0.20	Lausanne	?	?	-
Vienna	70	46	o	r	0.12	Lugano	64	6e	0.91
Buda-Pesth	70	50	o	m	0.35	Locarno	?	?	0.87
St. Petersburg	75	59	o	o	-				
Rome	75	57	o	o	-				
Malta	75	70	?	c	-				
Madeira (Funchal)	73	55	c	c	-				

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

18. June, 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	h. m. 3.31	h. m. 11.54	h. m. 8.16
Greenwich	3.44	12.1	8.18
Wick	3.7	12.13	9.19
Valencia	4.22	12.42	9.1

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on THURSDAY 19TH JUNE 1902
 Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.		Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours	Rainfall. Ins.	
			At 9 ³⁰ and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 8 ³⁰ Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)			Weather.	Max.			Min.
SCANDINAVIA.	Haparanda ...	29.93	45	Z	0	0	29.99	+10	46	43	0	SSW	4	c	*	0	52	43	*	-	
	Hernösand ...	29.94	51	Z	0	0	29.91	00	54	50	0	Z	0	bc	*	0	61	39	*	-	
	Stockholm ...	29.97	52	SSE	2	0	30.03	+07	62	56	+3	SSE	2	c	*	0	66	43	*	-	
	Wisby ...	30.01	52	S	2	0	30.03	+04	59	49	+4	SE	6	bc	*	0	68	43	*	-	
	Karlstad ...	29.95	54	SW	4	0	30.00	+04	53	48	-1	SW	2	0	*	0	*	*	*	-	
	Färder (X'ania Fjord)	29.91	55	SSW	4	0	29.97	+04	53	50	-4	SSE	4	0	2	0	59	52	*	-	
	Bodö ...	29.83	45	SW	6	+	29.83	+05	43	41	-3	SW	6	+	3	+	46	41	*	-	
	Christiansund ...	29.94	44	S	6	0	30.03	+06	44	41	0	NW	4	0	4	0	48	41	*	0.04	
	Skudesnaes ...	30.01	51	NNW	6	0	30.02	00	51	47	-4	NNW	6	0	2	0	55	46	*	*	
	Sumburgh Head ...	30.04	50	WNW	2	c	30.02	-06	49	46	-1	E	3	c	3	0,c	53	41	*	-	
BRITISH ISLANDS.	Stornoway ...	30.01	55	E	3	0	29.85	-27	51	49	+1	SE	2	0	2	0	60	45	14.3	-	
	Malin Head ...	29.88	59	SE	6	om	29.71	-33	53	52	+1	ESE	6	ot	3	0,om	58	50	*	0.10	
	Blacksod Pt. ...	29.80	58	SE	4	cm	29.66	-41	54	52	-1	SE	5	rm	4	om,cm	59	52	*	0.20	
	Valencia ...	29.75	55	SE	4	+	29.37	-52	55	52	-2	E	6	rm	5	om,+	63	53	1.2	0.86	
	Roche's Point ...	29.85	55	SE	4	mp	29.51	-45	55	54	+3	SE	5	rm	5	0,mp	55	51	*	0.32	
	Parsonstown ...	29.85	57	SE	3	0	29.59	-41	55	53	+2	SE	5	ot	3	0,+	59	51	0.1	0.12	
	Donaghadee ...	29.98	54	S	2	cm	29.79	-31	52	51	+1	SE	3	ogm	3	cm	56	49	*	0.12	
	Liverpool Obsy. ...	30.00	62	SE	2	om	29.83	-26	55	51	+4	SE	4	c	?	om	64	50	*	-	
	Holyhead ...	29.99	58	E	1	cmpt	29.78	-30	59	56	+3	SE	1	om	1	cm,cpt	64	48	*	0.07	
	Pembroke (St. Ann's) ...	29.99	53	S	5	0	29.67	-38	54	52	+2	ESE	6	og	4	0,p	57	52	0.1	0.06	
GERMANY, &c.	Scilly (St. Mary's) ...	29.92	55	SSE	5	0	29.54	-48	56	54	+1	SE	6	+	5	m,0	56	53	0.0	0.14	
	Jersey (St. Aubins) ...	30.05	62	NE	1	bc	29.77	-38	59	54	+2	E	5	om	4	bm,bc,g	63	55	9.7	-	
	Portland Bill ...	30.08	54	ESE	3	cm	29.81	-33	54	54	0	ESE	5	c	3	bm,cm	58	51	*	-	
	Dungeness ...	30.12	55	ESE	2	0	29.92	-24	60	58	+7	ESE	3	bc	1	0	60	52	*	-	
	Wick ...	30.10	56	SE	2	0	29.95	-27	49	46	-1	SE	4	0	3	0	62	45	*	-	
	Nairn ...	29.97	57	NE	1	bc	29.89	-24	52	49	+1	NE	1	c	2	0	57	40	*	-	
	Aberdeen ...	30.06	49	SSE	2	0	29.95	-20	48	47	+5	SSE	3	ogt	3	0	55	45	14.5	-	
	Leith ...	30.04	52	ENE	2	0	29.88	-25	52	51	+2	NE	2	om	*	0	56	47	*	-	
	North Shields ...	30.07	49	SE	2	0	29.91	-24	53	52	+6	SE	2	om	3	0	53	45	*	-	
	Spurn Head ...	30.09	52	ESE	4	bc	29.96	-17	55	52	+1	SSE	4	bc	3	0	57	50	*	-	
FRANCE.	Yarmouth ...	30.11	57	ESE	3	bc	29.99	-14	57	55	+2	SE	3	bc	3	0	60	51	*	-	
	Loughborough ...	30.06	65	SE	3	bc	29.92	-23	57	54	+2	SE	3	ow	*	0,bc,c	67	48	*	-	
	Oxford ...	30.06	57	S	2	0	29.89	-27	58	54	+7	SE	3	0	*	0	64	48	*	-	
	London (Brixton) ...	30.07	61	ESE	2	c	29.91	-24	64	58	+10	SE	3	c	*	0	66	47	3.0	-	
	The Scaw (Skagen) ...	29.98	53	SW	3	0	29.94	-04	53	51	0	SW	2	0	0	0	59	50	*	-	
	Fanö ...	30.09	50	WSW	6	0	30.06	-04	53	52	+2	WSW	4	c	*	0	55	50	*	-	
	Cuxhaven ...	30.13	57	NW	2	c	30.09	-01	53	49	-4	NW	2	0	*	0	59	52	*	-	
	The Helder ...	30.13	56	NNE	1	0	30.06	-07	59	55	+3	E	1	bc	0	0	63	50	*	-	
	Brussels ...	*	*	*	*	*	30.01	-13	62	56	+3	SSE	3	bc	*	0	66	48	*	0.35	
	Berlin ...	30.00	63	N	3	0	30.00	+01	55	50	-4	NW	3	bc	*	0	70	48	*	-	
SPAN. PEN.	Frankfurt ...	30.08	56	N	2	c	30.05	-01	59	55	+6	NNE	2	c	*	0	64	53	*	0.20	
	Munich ...	30.02	49	N	5	+	30.07	+08	50	50	+3	SW	2	0	*	+	50	46	*	0.32	
	C. Gris Nez ...	30.10	56	NE	4	0	29.93	-29	55	55	+4	SE	4	0	2	0	59	50	*	-	
	Brest ...	30.02	58	S	2	c	29.66	-46	57	56	+3	SE	5	+	4	0	61	52	*	-	
	Lorient ...	30.01	62	S	2	c	29.66	-48	58	57	+4	ESE	5	c	5	0	66	54	*	-	
	Rochefort ...	30.02	64	NNW	3	bc	29.75	-38	59	55	0	ESE	4	c	*	0	73	54	*	-	
	Biarritz ...	30.00	71	ENE	4	bc	29.69	-49	74	61	+17	S	4	c	3	0	74	57	*	-	
	Paris ...	30.10	65	ESE	2	bc	29.97	-19	60	55	+12	SE	2	0	*	0	67	47	*	-	
	Belfort ...	30.08	53	ENE	2	0	29.98	-09	52	51	0	ENE	6	m	*	0	65	45	*	-	
	Lyons ...	30.07	64	NNE	1	0	29.97	-15	57	49	+5	ESE	1	0	*	0	69	48	*	0.04	
Nice ...	29.86	66	N	3	0	29.89	+01	65	52	+2	N	1	0	*	0	75	54	*	-		
Perpignan ...	30.01	72	NW	2	0	29.91	-21	63	57	+3	N	2	0	*	0	76	48	*	-		
SPAN. PEN.	Corunna ...																	*	-		
	Lisbon ...																	*	-		
	Azores (P. Delgada) ...																	*	-		

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on this page.

WEATHER CHARTS

FOR *Thursday, 19th June, 1902*

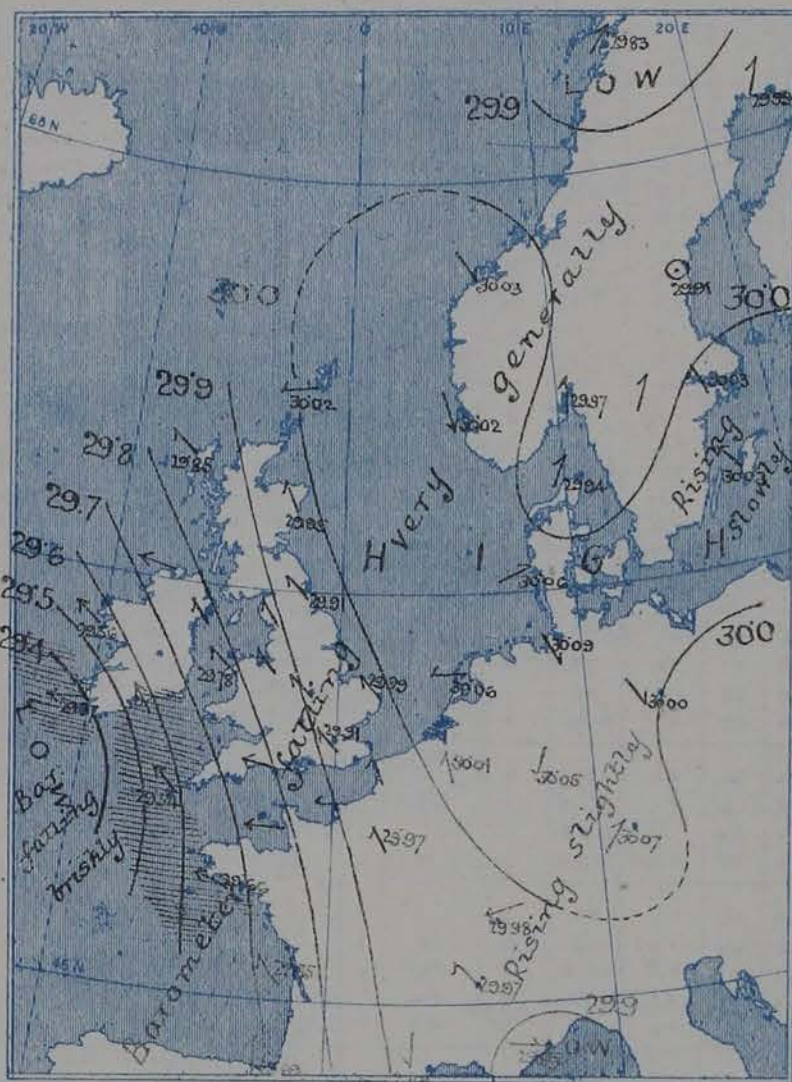
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ⊙
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough  : High 

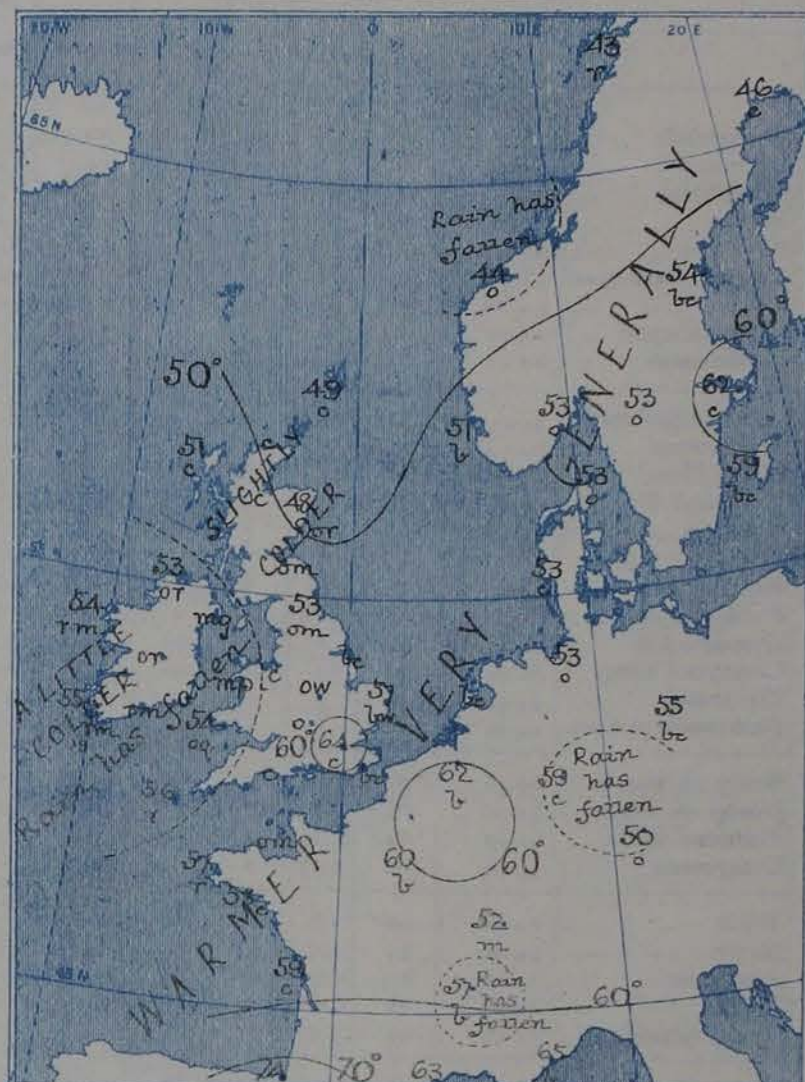


II TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III BAROMETER AND WIND

Yesterday morning.



IV Average RAINFALL and NUMBER OF RAIN DAYS in month of JUNE (1871-1900)

Specimen { RAINFALL 1.80
(for Shields) RAIN DAYS 13

Malin Head & Blacksod & Balmullet Values are for only 15 ft.



V Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period
JUNE. (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The cyclonic disturbance which was approaching the south-west of Ireland yesterday continues to advance - apparently in an easterly direction, and the barometer is falling over Western Europe generally, briskly on our south-west coasts. At Valencia (Ireland) the reading is now as low as 29.37 ins. The highest pressures, 30.0 ins and upwards, are found in an anticyclonic area of irregular form lying over Denmark, Germany, the Netherlands, the North Sea, the west of Norway and the south of Sweden, and at most of the Scandinavian stations the barometer is rising slightly.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is S.E.^{ly} over the whole of the United Kingdom and France, and under the influence of the approaching disturbance it blows very strongly on all our south-west coasts. Dull weather is reported in the west and north of our islands generally, with rain at most of the Irish stations and also at Scilly and at Aberdeen, but in the east and south-east of England and over France and the Netherlands the weather is, at present, fair or fine. A decided rise of temperature has occurred over England, France and Belgium, and at our south-eastern and some of the Continental stations the thermometer now stands at or a little above 60°. The morning reading of 64° in London is 5° above the average and is considerably higher than any 8 a.m. temperature recorded since the 1st of the month. In the west of Norway the wind is N.W.^{ly} in Denmark S.W.^{ly}, and in the south of Sweden S.E.^{ly} the weather being cloudy at most of the Scandinavian stations, with rain at Bodö. The sea is rather rough on our south-west coasts, but moderate or slight elsewhere.

The maximum temperatures registered over our islands yesterday were higher than of late, the thermometer exceeding 60° in many places; in London it rose to 66° and at Loughborough to 67°. The amount of bright sunshine was small in the west but rather considerable in most other districts; at Storhovey and Aberdeen it amounted to more than 14 hours. Rain fell at most of our western stations - heavily at Valencia, and solar halos were seen in the south of England, as well as at Malin Head.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cyclonic disturbance in the south-west is likely to move in an east-south-easterly or a south-easterly direction towards the Bay of Biscay. The wind will probably increase to a gale from the S.E.^d and E.^d on our south-west coasts, and rainy weather is likely to spread gradually eastward over the south of England.

FORECASTS *

For the 24 hours ending at NOON on 20th June, 1902

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
0	{ SCOTLAND NORTH	{ S.E ^{ly} winds, moderate or fresh; dull, cool, some rain.	6	{ SCOTLAND WEST	{ S.E ^{ly} winds, freshening; cloudy, unsettled, some rain.
1	{ SCOTLAND EAST		7	{ ENGLAND N.W.	
2	{ ENGLAND N.E.	{ S.E ^{ly} winds, freshening; fair at first, cloudy later, probably some rain.	8	{ ENGLAND S.W.	{ S.E ^{ly} to E ^{ly} winds, strong to a gale; dull, rainy.
3	{ ENGLAND EAST		9	{ IRELAND NORTH	
4	{ MIDLAND COUNTIES	{ E ^{ly} winds, freshening considerably; fine and warm at first, cloudy later, probably some rain.	10	{ IRELAND SOUTH	{ E ^{ly} winds, strong to a gale; dull and rainy at first, some improvement later.
5	{ ENGLAND SOUTH		WARNINGS			{ At 9.50 a.m. to districts 8, 10 and the western part of district 5, "Hoist North Cone".

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.								PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	b	*	c, b	58	53	8.3	—
Newton Reigny (Penrith)	30.01	56	ESE 2	m	29.86	-.26	58	54	+ 11	SE 3	c	*	cm	59	47	0.4	—
Bath	30.04	62	W 2	b	29.84	-.28	58	54	+ 3	SE 3	o	*	b	64	49	8.0	—

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	61	46	o, c	3.2	-	Worthing	*	*	*	12.3	*
Birmingham, 9 p.m. ...	62	45	c	0.2	-	Llandudno	*	*	*	1.3	*
Lowestoft, up to 6 p.m. ...	57	49	c	11.5	-	Rhyl up to 6 p.m. ...	*	*	*	1.3	*
Hastings	*	*	*	10.2	*	Southport, 9 p.m. ...	64	48	o, c, o	1.7	0.01
Eastbourne up to 6 p.m. ...	*	*	*	11.2	*	Manchester, 9 p.m. ...	69	45	c, b	3.3	-
Brighton	*	*	*	12.2	*	Darwen, 9 p.m. ...	60	45	cm, w, o	0.3	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN. (measured at 7 a.m.)
	Max.	Min.				at 1 p.m.	°		
18. June - /02					17. June - /02				
Marseilles	70	54	b, c	Ins.	Geneva	57		o	-
Utrecht	66	46	o, o	-	Berne	57		o	0.24
Copenhagen	63	52	b, o	0.04	Lucerne	59		o	0.04
Prague	55	52	a, o	0.55	Lausanne	?		?	-
Vienna	59	50	c, o	-	Lugano	64		b, c	-
Buda-Pesth ... not recd.					Locarno	?		?	-
St. Petersburg	61	52	o, r	0.12					
Rome	72	51	tl, b	-					
Malta	75	66	?	c					
Madeira (Funchal) not recd.									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.

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	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

19. June, 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3.31	11.54	8.17
Greenwich	3.44	12.1	8.18
Wick	3.7	12.13	9.19
Valencia	4.22	12.42	9.2

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

Friday 20th June

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours.	Rainfall Ins.			
		At 32° and M.S.L.	Ins.	Dry Bulb.	Direc.		Force (0 to 12.)	Weather.	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.			Direc.	Force (0 to 12.)			Weather.	Max.	Min.
SCANDINAVIA.	Haparanda ...	29.99	47	SW	4	0	30.12	+1.3	44	44	-2	N	2	r	*	0	54	43	*	0.12		
	Hernösand ...	30.01	54	Z	0	0	30.08	+1.7	53	46	-1	NE	4	0	*	0	63	43	*	-		
	Stockholm ...	30.00	55	Z	0	0	29.96	-0.7	55	49	-7	NE	6	0	*	0	66	48	*	-		
	Wisby ...	29.98	53	NE	4	0	29.84	-1.9	53	49	-6	NNE	4	0	*	0	68	41	*	-		
	Karlstad ...	29.96	58	SSE	2	0	29.97	-0.3	56	50	+3	NE	2	0	*	0	*	*	*	-		
	Färder (X'ania Fjord)	29.95	55	S	1	0	29.95	-0.2	56	52	+3	NNE	2	0	*	0	56	52	*	-		
	Bodö ...	30.03	42	W	4	+	30.12	+2.9	44	41	+1	SW	4	bc	2	r	46	39	*	0.35		
	Christiansund ...	30.10	47	N	3	0	30.08	+0.5	47	43	+3	ENE	6	0	4	0	48	43	*	-		
Skudesnaes ...	30.17	52	NNW	6	0	29.93	-0.9	55	52	+4	Z	0	0	1	0	55	46	*	-			
BRITISH ISLANDS.	Sumburgh Head	29.99	48	E	4	0	29.98	-0.4	48	45	-1	ENE	4	c	4	c, 0	53	44	*	-		
	Stornoway ...	29.78	54	Z	0	om	29.77	-0.8	52	50	+1	ESE	5	0	5	d, om	55	48	0.0	0.21		
	Malin Head ...	29.57	58	SE	5	omg	29.49	-2.2	53	52	0	SE	7	om	5	r, omg	58	49	*	0.18		
	Blackod Pt. ...	29.41	57	ESE	6	bemp	29.37	-1.9	56	54	+2	ESE	5	c	4	c, bemp	59	53	*	0.01		
	Valencia ...	29.27	57	E	4	c	29.24	-1.3	57	54	+2	E	4	0	4	o, c	58	53	0.5	0.23		
	Roche's Point ...	29.39	54	SSE	5	bc	29.31	-2.0	54	54	-1	SSE	4	omp	4	r, bc	55	51	*	0.70		
	Parsonstown ...	29.44	55	ESE	4	omg	29.39	-2.0	56	54	+1	E	3	0	*	omg	58	50	0.0	0.06		
	Donaghadee ...	29.62	55	SE	4	om	29.54	-2.5	52	52	0	SE	3	om	3	om	57	51	*	0.18		
Liverpool Obsy.	29.63	64	ESE	4	om	29.57	-2.6	55	55	0	E	2	r	?	om	64	55	*	0.19			
Holyhead ...	29.58	61	E	3	omt	29.51	-2.7	57	56	-2	ENE	1	om	1	om, omt	62	49	*	0.34			
Pembroke (St. Ann's)	29.50	54	SE	6	r	29.45	-2.2	54	52	0	ESE	6	ogpm	5	r	58	51	0.0	0.23			
GERMANY, &c.	Scilly (St. Mary's)...	29.42	54	S	5	0	29.40	-1.4	55	54	-1	S	5	c	5	0	57	52	3.0	0.43		
	Jersey (St. Aubins)...	29.60	60	E	3	omp	29.60	-1.7	57	55	-2	SSE	2	c	3	aug, top	65	53	0.4	0.18		
	Portland Bill ...	29.61	55	ESE	4	r	29.58	-2.3	54	54	0	SSE	3	op	4	o, r	59	50	*	0.27		
	Dungeness ...	29.71	62	ESE	2	c	29.61	-3.1	55	55	-5	W	4	og	2	b, c	65	54	*	-		
	Wick ...	29.89	49	SE	6	0	29.90	-0.5	49	47	0	SE	6	ou	4	0	50	46	*	-		
	Nairn ...	29.77	60	E	4	om	29.83	-0.6	52	48	0	E	2	em	2	om	62	48	*	-		
	Aberdeen ...	29.88	50	SE	2	c	29.88	-0.7	50	48	+2	E	3	c	3	om, c	51	47	0.0	-		
	Leith ...	29.74	61	E	2	bc	29.74	-1.4	52	50	0	ENE	3	0	*	bc	66	49	*	-		
North Shields ...	29.80	54	SE	4	bc	29.72	-1.9	51	50	-2	ESE	3	0	3	c, bc	58	49	*	-			
FRANCE.	Spurn Head ...	29.74	55	ESE	6	bc	29.64	-3.2	56	53	+1	ESE	6	c	5	bc	59	53	*	-		
	Yarmouth ...	29.77	59	E	6	bg	29.63	-3.6	57	55	0	E	5	bc	5	b, bg	62	54	*	-		
	Loughborough ...	29.70	66	ESE	4	cq	29.57	-3.5	57	55	0	SE	3	omp	*	cq, op	70	57	*	0.09		
	Oxford ...	29.73	63	E	2	0	29.59	-3.0	55	54	-3	W	1	or	*	0	69	54	*	0.13		
	London (Brixton)	29.69	66	E	3	0	29.58	-3.3	58	57	-6	S	2	ogr	*	bc, o	73	58	8.4	0.01		
	The Scaw (Skagen)	29.95	57	NW	1	0	29.92	-0.2	55	53	+2	NE	1	0	0	0	63	50	*	-		
	Fanö ...	29.98	49	N	2	0	29.89	-1.7	57	55	+4	NE	2	0	*	0	57	?	*	-		
	Cuxhaven ...	29.97	58	N	1	0	29.86	-2.3	58	53	+5	ENE	2	0	*	0	59	54	*	-		
The Helder ...	29.87	62	ENE	2	0	29.76	-3.0	61	56	+2	ESE	2	0	1	0	64	54	*	-			
SPAN. PEN.	Brussels ...	*	*	*	*	*	29.63	-3.8	63	56	+1	SE	4	0	*	0	74	52	*	-		
	Berlin ...	29.89	59	NNW	4	0	29.75	-2.6	54	50	-1	NW	3	0	*	0	66	48	*	-		
	Frankfurt ...	29.85	63	NE	2	0	29.77	-2.8	60	53	+1	E	2	0	*	0	72	50	*	-		
	Munich ...	29.92	55	Z	0	0	29.81	-2.6	58	52	+8	SE	3	0	*	0	63	41	*	-		
	C. Gris Nez ...	29.71	71	SE	4	0	29.61	-3.2	57	57	+2	SW	3	0	2	0	73	54	*	-		
	Brest ...	29.97	56	S	3	0	29.52	-1.4	54	54	-3	S	3	0	0	0	59	54	*	-		
	Lorient ...	29.63	56	SW	4	0	29.59	-0.7	55	54	-3	WSW	5	+	5	0	64	54	*	0.12		
	Rochefort ...	29.73	59	SW	2	+	29.74	-0.1	57	55	-2	SW	3	+	*	+	73	55	*	0.12		
Biarritz ...	29.81	58	WSW	3	+	29.78	+0.9	63	60	-11	S	1	0	3	b, b, r	74	55	*	0.32			
SPAN. PEN.	Paris ...	29.70	71	SE	2	bc	29.67	-3.0	54	52	-6	WSW	2	0	*	bc	75	54	*	0.04		
	Belfort ...	29.75	66	ENE	4	0	29.67	-3.1	56	51	+4	N	3	0	*	0	70	52	*	-		
	Lyons ...																					
	Nice ...	29.88	62	E	2	0	29.88	-0.1	53	53	-12	E	2	+	2	0	75	52	*	0.08		
Perpignan ...	29.72	65	NE	2	0	29.76	-1.5	58	57	-5	SW	2	0	*	0	0	73	56	*	0.04		
SPAN. PEN.	Corunna ...																					
	Lisbon ...																					
SPAN. PEN.	Azores (P. Delgada)																					

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR FRIDAY, 20th JUNE, 1902

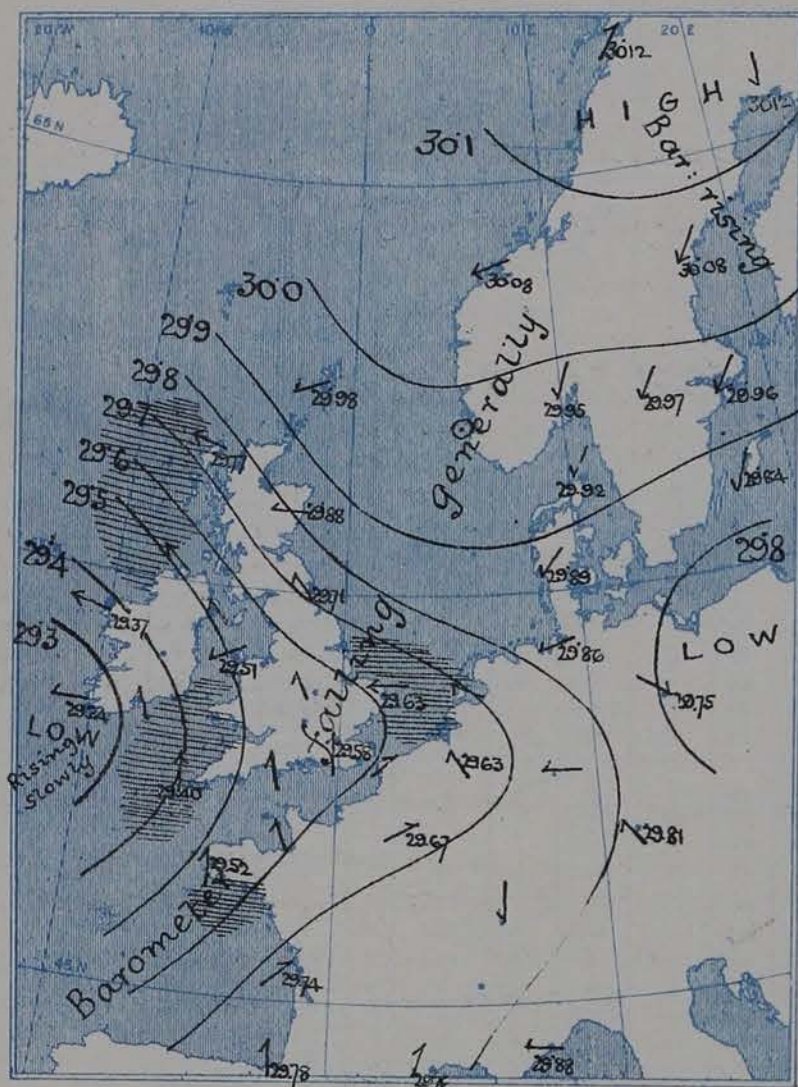
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ⊙
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High



II TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III BAROMETER AND WIND

Yesterday morning.



IV Average RAINFALL and NUMBER OF RAIN DAYS in month of JUNE (1871-1900)

Specimen { RAINFALL 1.80
(for Shields) RAIN DAYS 13

Malin Head & Blacksoil Belmullet Values are for only 1575



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

JUNE. (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The cyclonic system noticed yesterday off the south-west of Ireland has remained almost stationary, the lowest readings of the barometer, 29.3 ins. and less, being still found in that neighbourhood. The borders of the disturbance have, however, spread eastwards over nearly the whole of our islands and the neighbouring parts of the Continent and the barometer continues to fall in most parts of Western Europe. The highest pressures, 30.1 ins. and upwards, are found in an anticyclone over the northern parts of Scandinavia, in which regions the barometer is rising steadily.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light to fresh from the Southward over the Channel and Bay of Biscay, and from the Westward or South-westward in the Straits of Dover. Over the United Kingdom generally it is S.E.^y or E.^y, and on some of the more exposed parts of our western and eastern northern coasts it blows strongly. In Scandinavia and it is light and variable. Temperature has fallen in France and at many of the English stations, and is again rather below the average in most places. In many parts of England and Ireland the readings are slightly above 55°, but in the north of France they are scarcely so high; in Scotland the thermometer is very little above 50°, and in Caithness and the Shetlands it is a little below that point. The weather is cloudy or dull over Western Europe generally with rain in many parts of England, Ireland and France; clear skies are, however, reported in Holland, Denmark and the South of Norway. The sea is rather rough off the east and south-west of England and also off the north of Scotland.

During yesterday the thermometer rose to 65° and upwards in several parts of Great Britain, to 70° at Loughborough, and to 73° in London; at Aberdeen it did not exceed 51°. The amount of bright sunshine was fairly large in the east and south-east of England, but small elsewhere; at several of our western and northern stations there was none. Rain has fallen in all the more western and southern parts of the United Kingdom and also in France; thunder occurred yesterday in London and at Holyhead, and a thunderstorm at Biarritz.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cyclonic disturbance in the south-west is likely for the present to remain almost stationary, but small secondary systems will probably be developed over various parts of the United Kingdom and France. Unsettled weather is therefore likely to continue in most districts, with thunderstorms in places.

FORECASTS *

For the 24 hours ending at NOON on 21st June, 1902

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	E ^y and S.E. ^y winds, fresh; cool, cloudy, some rain.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	S.E. ^y winds, fresh; cloudy, some rain, thunder locally.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	Varying S ^y (S.E. ^y to S.W. ^y) winds; cloudy, occasional rain, thunder locally.
5	{ ENGLAND SOUTH	



DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	Same as Nos. 0 to 2.
7	{ ENGLAND N.W.	E ^y and S.E. ^y winds, light, cloudy, occasional rain, thunder locally.
8	{ ENGLAND S.W.	S ^y winds, fresh; cloudy, occasional rain, thunder locally.
9	{ IRELAND NORTH	S.E. ^y winds, fresh; cloudy, showery.
10	{ IRELAND SOUTH	S.E. ^y to S ^y winds, fresh; cloudy, showery.

WARNINGS

At 10.30 a.m. to-day, to districts 8, 10
and the western part of 5 'Lower Cone'.

Note.—The South Cone, point downwards (), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 8 P.M.				THIS MORNING 8 A.M.						PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature Max. Min.	Sun- shine Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	0	*	0	60 57	13.8	-
Newton Reigny (Penrith) ...	29.71	60	ESE 5	0	29.64	-22	56	52	-2	ESE 4	om	om. 0	66 52	4.6	-
Bath	29.62	65	SE 3	0	29.57	-27	56	54	-2	SE 1	0	0	66 53	0.5	0.35

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine, Rainfall.		STATIONS.	TEMPERATURE.		Weather.	Sunshine, Rainfall.	
	Max.	Min.		Hrs.	Ins.		Max.	Min.		Hrs.	Ins.
Harrogate, up to 6 p.m. ...	65	49	o, c, 10	5.8	-	Worthing	*	*	*	6.7	*
Birmingham, 9 p.m. ...	67	47	0	0.9	-	Llandudno	*	*	*	0.3	*
Lowestoft, up to 6 p.m. ...	59	50	6	14.5	-	Rhyl up to 6 p.m. ...	*	*	*	0.5	*
Hastings	*	*	*	10.5	*	Southport, 9 p.m. ...	67	52	c, 0	3.0	-
Eastbourne up to 6 p.m. ...	*	*	*	3.0	*	Manchester, 9 p.m. ...	74	51	om, c, 6	3.8	-
Brighton	*	*	*	6.4	*	Darwen, 9 p.m. ...	65	49	d, v	2.3	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 12. June -/02	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 18. June -/02	TEMPERATURE, F. at 1 p.m.	WEATHER.	RAIN. (measured at 7 a.m.)
	Max.	Min.						
Marseilles	72	55	f f	Ins.	Geneva	59	0	0.04
Utrecht	68	46	b b	-	Berne	54	0	0.08
Copenhagen	61	52	bc 0	-	Lucerne	57	0	0.35
Prague	63	54	0 0	0.08	Lausanne	?	?	0.39
Vienna	61	52	r r	0.67	Lugano	73	6	-
Buda-Pesth	64	54	0 0	0.08	Locarno	?	?	-
St. Petersburg	57	45	r c	-				
Rome	72	54	c b	-				
Malta	72	66	! c	-				
Madeira (Funchal)	70	54	bc b	-				

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
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	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
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Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.		

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DAILY WEATHER REPORT

for 8 a.m. on SATURDAY 21ST JUNE 1902
 Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.



STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.		Wind.	Force (0 to 12.)	Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours	Rainfall Ins.	
			At 32° and M.S.L.	Dry Bulb.				Dirac.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)			Max.	Min.			
																					Ins.	Ins.	°	°
SCANDINAVIA.	Haparanda ...	30.08	52	Z	0	b	30.15	+0.3	52	44	+8	?N	4	b	*	b	54	41	*	0.24	
	Hernösand ...	30.08	50	E	4	b	30.09	+0.1	55	49	+2	E	4	b	*	b	55	46	*	-	
	Stockholm ...	29.94	56	NNE	4	o	29.86	-1.0	51	48	-4	N	6	o	*	o	64	45	*	0.04	
	Wisby ...	29.80	46	NNE	4	bc	29.75	-0.9	48	46	-5	NE	6	+	*	bc	70	41	*	-	
	Karlstad ...	29.92	65	E	2	c	29.97	+0.0	56	49	0	NE	2	o	*	c	*	*	*	-	
	Färder (X'iania Fjord)	29.88	69	N	1	b	29.98	+0.3	59	53	+3	NNE	3	bc	2	b	70	55	*	-	
	Bodö ...	30.20	44	WNW	1	bc	30.27	+1.5	45	40	+1	WSW	1	b	1	bc	46	39	*	-	
	Christiansund ...	30.13	48	ENE	4	bc	30.12	+0.4	48	44	+1	WSW	8	b	5	bc	54	45	*	-	
	Skudesnaes ...	29.92	56	W	2	b	29.94	+0.1	62	57	+7	E	2	b	1	b	63	52	*	-	
		Sumburgh Head	29.96	49	NE	4	bc	29.93	-0.5	47	46	-1	ENE	4	o	6	c, bc	51	41	*	-
	Stornoway ...	29.80	57	E	5	b	29.85	+0.8	50	47	-2	SE	5	b	5	o, b	60	44	77	-	
	Malin Head ...	29.58	50	SE	8	rm	29.72	+2.3	50	49	-3	SE	5	ogm	4	r, rm	55	49	*	0.09	
	Blacksod Pt. ...	29.45	57	ESE	4	omp	29.61	+2.4	54	54	-2	SSW	5	om	4	cm, omp	63	53	*	0.32	
	Valencia ...	29.41	55	SSE	3	rm	29.74	+2.5	56	55	-1	SSW	2	o	4	op, rm	60	54	07	0.19	
BRITISH ISLANDS.	Roche's Point ...	29.50	58	SSW	3	b	29.76	+1.5	57	55	+3	SW	3	c	4	mp, b	58	53	*	0.12	
	Parsonstown ...	29.50	61	E	4	c	29.72	+2.3	57	55	+1	ENE	1	o	*	p, c	64	51	54	0.01	
	Donaghadee ...	29.59	52	SE	3	rm	29.74	+2.0	52	51	0	SE	3	o	3	rm	55	50	*	0.26	
	Liverpool Obsy.	29.62	58	ESE	3	cr	29.79	+2.2	61	58	+6	ESE	2	b	?	cr	62	54	*	0.39	
	Holyhead ...	29.59	58	Z	0	erm	29.78	+2.7	54	53	-3	SW	3	cf	2	cp, erm	63	52	*	0.19	
	Pembroke (St. Ann's)	29.55	55	SSE	4	o	29.80	+2.5	54	53	0	WSW	2	bc	4	o, dpf	59	52	44	0.03	
	Scilly (St. Mary's)...	29.55	59	SSW	4	c	29.84	+2.4	56	54	+1	WSW	4	of	4	cm, c	60	54	74	0.04	
	Jersey (St. Aubins)...	29.68	57	W	4	ogp	29.93	+2.3	57	55	0	SW	4	omp	3	bc, ogp	65	53	70	0.08	
	Portland Bill ...	29.63	55	S	2	o	29.85	+2.7	55	55	+1	SW	3	bcm	3	c, o	60	52	*	0.05	
	Dungeness ...	29.69	56	WNW	1	bc	29.79	+1.8	58	57	+3	W	4	bc	2	op, bc	58	52	*	1.00	
	Wick ...	29.92	48	E	3	o	29.92	+0.2	49	47	0	E	3	o	2	o	55	45	*	-	
	Nairn ...	29.82	55	ENE	4	bc	29.91	+0.8	52	48	0	E	1	b	1	bc	59	42	*	-	
	Aberdeen ...	29.88	50	E	3	b	29.92	+0.4	48	46	-2	ENE	3	og	3	c, b	54	46	72	-	
	Leith ...	29.78	51	ENE	3	o	29.87	+1.3	48	46	-4	ENE	3	om	*	o	53	46	*	-	
	North Shields ...	29.65	51	E	2	bc	29.84	+1.2	53	51	+2	NNE	2	c	3	o, bc	53	45	*	-	
	Spurn Head ...	29.66	54	E	5	c	29.79	+1.5	55	54	-1	NNW	2	bc	2	c	60	52	*	0.07	
	Yarmouth ...	29.64	60	E	3	c	29.79	+1.6	61	58	+4	W	3	cm	3	bc, c	61	55	*	0.19	
	Loughborough ...	29.65	59	ESE	1	o	29.81	+2.4	58	56	+1	W	1	aw	*	ot, o, cm	60	50	*	0.48	
	Oxford ...	29.67	59	S	2	bc	29.85	+2.6	58	54	+3	SSW	3	c	*	r, o, bc	63	52	*	0.06	
	London (Brixton)	29.66	62	ESE	1	o	29.88	+3.0	59	54	+1	W	3	c	*	ot, b, bc	64	53	00	0.08	
GERMANY, &c.	The Scaw (Skagen)	29.86	?	SE	1	c	29.90	-0.2	57	53	+2	NE	3	c	1	c	64	54	*	0.04	
	Fanö ...	29.82	55	ENE	2	b	29.85	-0.4	63	59	+6	NE	2	c	*	b	73	54	*	-	
	Cuxhaven ...	29.76	66	NE	2	b	29.82	-0.4	59	57	+1	Z	0	+	*	b	66	55	*	0.04	
	The Helder ...	29.68	64	ENE	2	b	29.80	+0.4	58	56	-3	W	2	o	1	b	72	54	*	-	
	Brussels ...	*	*	*	*	*	29.89	+2.6	56	55	-7	WSW	1	o	*	+	70	51	*	0.39	
	Berlin ...	29.70	57	NW	2	o	29.74	-0.1	56	55	+2	NW	1	+	*	o	61	54	*	-	
	Frankfurt ...	29.75	63	SW	2	o	29.90	+1.3	57	54	-3	SW	2	o	*	o	75	55	*	-	
	Munich ...	29.79	59	W	5	o	29.99	+1.8	52	51	-6	W	4	+	*	o	68	50	*	0.16	
FRANCE.	C. Gris Nez ...	29.70	57	SW	3	o	29.85	+2.4	56	54	-1	SW	5	b	5	o	57	54	*	0.08	
	Brest ...	29.71	55	SSW	2	o	29.94	+2.2	56	55	+2	SW	3	o	4	o	57	54	*	-	
	Lorient ...	29.77	58	WSW	4	o	29.97	+3.8	57	57	+2	WSW	3	f	5	o	63	55	*	0.16	
	Rochefort ...	29.84	63	WSW	5	c	30.05	+3.1	61	59	+4	W	4	o	*	c	66	45	*	-	
	Biarritz ...	29.95	65	N	4	o	30.16	+3.8	63	59	0	Z	0	bc	4	b	73	55	*	-	
		Paris ...	29.76	63	SW	2	bc	29.98	+3.1	57	55	+3	WSW	2	o	*	bc	69	53	*	0.08
	Belfort ...	29.80	53	WSW	5	o	29.98	+3.1	53	52	-3	WSW	4	o	*	o	66	50	*	0.35	
	Lyons ...	29.89	58	WNW	2	+	30.10	+	57	52	+	NW	1	c	*	+	66	50	*	0.20	
	Nice ...	29.80	56	Z	0	c	29.89	+0.1	62	57	+9	Z	0	b	2	c	63	50	*	0.79	
	Perpignan ...	29.88	68	E	2	c	30.11	+3.5	67	59	+9	SW	2	b	*	c	79	52	*	-	
SPAN. PEN.	Corunna ...	30.05	63	SW	3	+	30.12	+1.7	64	64	+3	SW	2	m	*	+	64	61	*	0.12	
	Lisbon ...	29.99	66	SW	4	m	29.98	+0.5	66	65	+1	SSW	5	m	*	m	70	64	*	-	

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR *Saturday, 21st June, 1902*

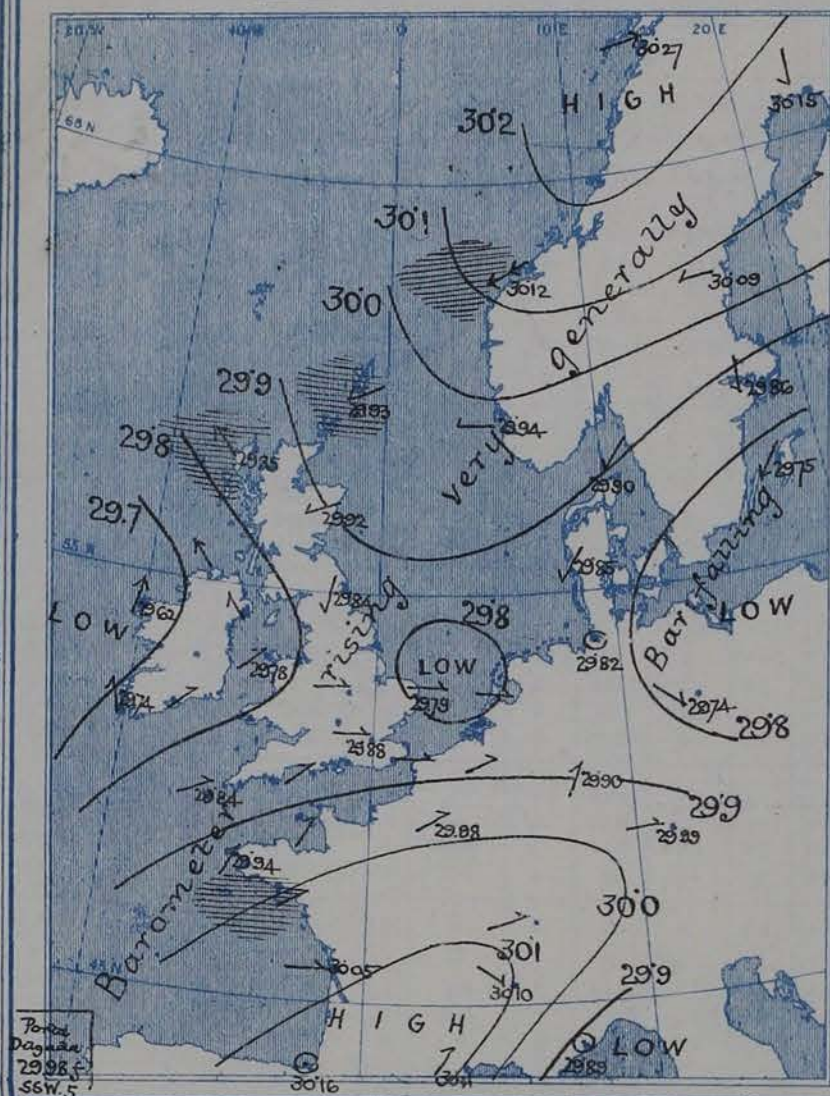
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High

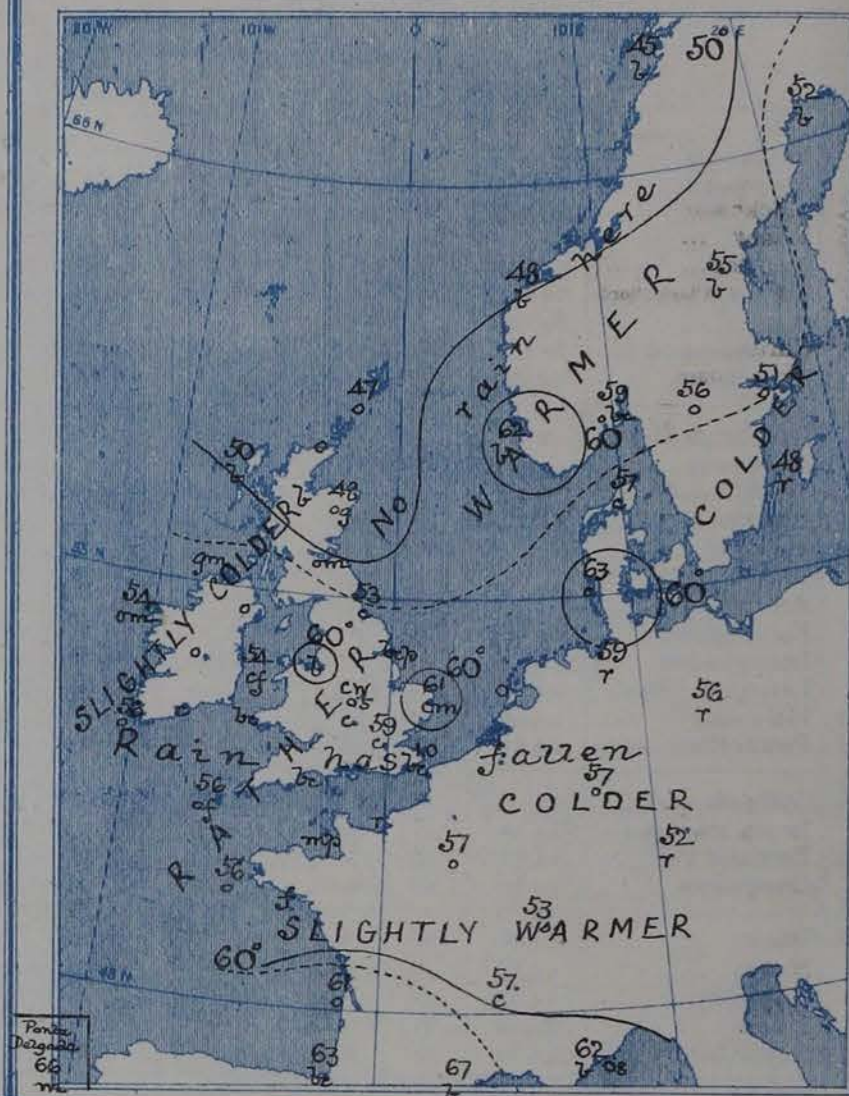


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

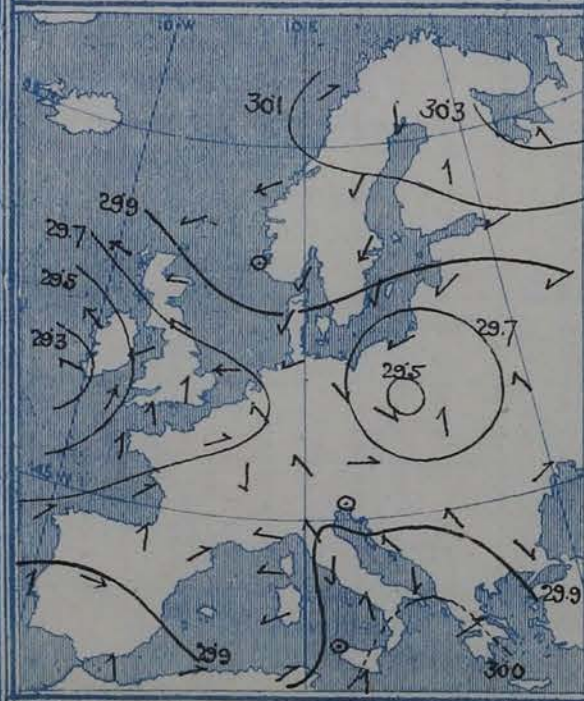
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III. BAROMETER AND WIND

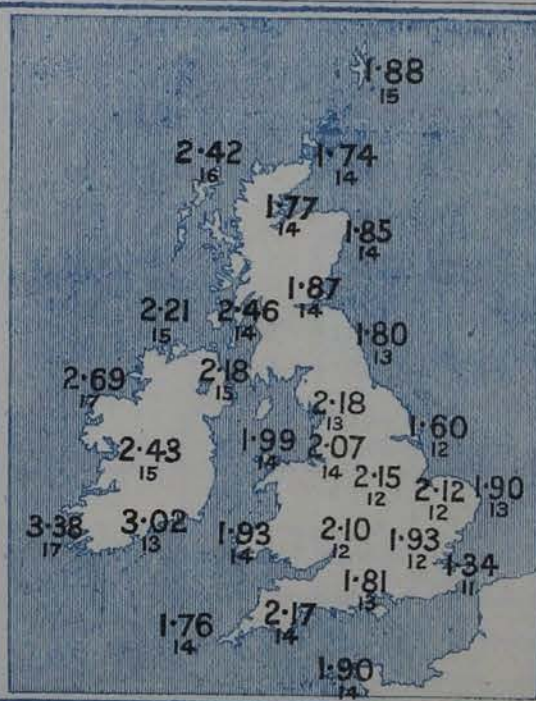
Yesterday morning.



IV. Average RAINFALL and NUMBER OF RAIN DAYS in month of JUNE (1871-1900)

Specimen { RAINFALL 1.80
(for Shields) { RAIN DAYS 13

Malin Head & Blacksod & Belmullet Values are for only 15 yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

JUNE. (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The cyclonic disturbance recently noticed off our south-west coast is passing away over the Atlantic, apparently in a north-westerly direction, and the barometer is at present rising over Western Europe generally. The lowest readings, 29.7 in. and less, are reported over the west of Ireland, but the readings are very little, if any, higher, in a cyclonic system which has advanced over the Baltic from Central Europe. Two anticyclones are now in existence over our area, the central portion of one being situated over the south of France, and of the other over the north of Scandinavia.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light to moderate from the W^{d.} or S.W^{d.} over the southern parts of the United Kingdom, and also over France, Germany and the Netherlands; on our north-east coasts it is light from the N.E., while in the extreme north-west of our islands it is fresh from the S.E. In Scandinavia and Denmark it is N^{W.} or N.E^{W.} - strong in force in the south of Sweden and blowing a gale at Christiansund. Temperature has risen in most parts of England and France, and also in Denmark and the south of Norway, but has not changed much elsewhere. Over England the readings as a rule differ very little from the average, but at Liverpool and Yarmouth the thermometer stands at 61° and is above the normal. On the north and east coasts of Scotland the weather remains very cool, the morning temperature being all below 50°, or from 3° to 7° below the average. The weather is fair & fine in most parts of Great Britain and also in Scandinavia, Denmark and the south of France. Elsewhere the sky is very cloudy, with rain at most of the German stations, and also at Wisby. The sea is moderate or slight generally, but rough off the north of Scotland, and rather rough off the west of Norway.

During yesterday the thermometer rose to 60° and upwards at most of the English and Irish stations and to 65° at Jersey; on the north-east coasts of Great Britain it did not reach 55°. The amount of bright sunshine was generally small, the largest amount reported being 7.7 hours at Stornoway and 7.6 hours at Lowestoft. Rain fell in most parts of England, Ireland and France - heavily (1.0 in.) at Dungeness.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

With two high pressure areas in existence, the one to the northward, and the other to the southward of our islands, the conditions, though at present fair, can scarcely be regarded as settled. A tendency for the development of small shallow cyclonic systems is, in fact, still prevalent, and local showers are probable in various parts of the United Kingdom.

FORECASTS*

For the 24 hours ending at NOON on 22nd June, 1902

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	E ^{W.} and N.E ^{W.} winds, moderate; fair generally. Rather warmer.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	Light breezes, chiefly N ^{W.} , changeable, some showers.
3	{ ENGLAND EAST	S.W ^{W.} and W ^{W.} winds, light; fair generally, but not settled. Local showers still probable.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

6	{ SCOTLAND WEST	E ^{W.} and S.E ^{W.} winds, moderate; fair cool.
7	{ ENGLAND N.W.	S ^{W.} winds, light; fair generally.
8	{ ENGLAND S.W.	S.W ^{W.} winds, moderate; fair generally.
9	{ IRELAND NORTH	S ^{W.} winds, light or moderate; cloudy, some showers.
10	{ IRELAND SOUTH	

WARNINGS

None issued.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.									PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.	
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °			
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	bc	*	o	61	52	0.7	0.04	
Newton Reigny (Penrith)	29.69	56	ESE 3	m	29.81	+ .17	52	51	- 4	SE 1	m	*	ogmr	61	50	0.0	0.10	
Bath	29.62	62	N 3	bc	29.84	+ .27	56	55	0	NW 1	o	*	bc	64	49	5.1	0.02	

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	63	52	o, c, o	1.0	-	Worthing	*	*	*	4.5	*
Birmingham, 9 p.m. ...	60	55	o	0.2	0.34	Llandudno	*	*	*	0.5	*
Lowestoft, up to 6 p.m. ...	61	54	o	7.6	-	Rhyl up to 6 p.m. ...	*	*	*	0.1	*
Hastings	*	*	*	1.3	*	Southport, 9 p.m. ...	62	55	ot	0.0	0.46
Eastbourne up to 6 p.m. ...	*	*	*	1.8	*	Manchester, 9 p.m. ...	70	56	c, b, t	0.0	0.17
Brighton	*	*	*	5.4	*	Darwen, 9 p.m. ...	59	52	o, m, t	0.0	0.48

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 20. VI. 02	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS. 19. VI. 02	TEMPERATURE, F. at 1 p.m.		WEATHER. 1 p.m.	RAIN. (measured at 7 a.m.) Ins.
	Max.	Min.				°	°		
Marseilles	75	55	o r	0.08	Geneva	61	6	-	-
Utrecht	73	50	6 bc	-	Berne	64	bc	0.04	-
Copenhagen	59	52	c 6	-	Lucerne	66	bc	0.08	-
Prague	64	52	o o	-	Lausanne	?	?	0.04	-
Vienna	63	52	o r	0.39	Lugano	75	6	-	-
Buda-Pesth ... not rec'd					Locarno	?	?	-	-
St. Petersburg	59	45	6 c	-					
Rome	75	54	6 o	-					
Malta	73	61	? 6	-					
Madeira (Funchal)	72	61	c c	-					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

21. June ... 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	h. m. 3.31	h. m. 11.54	h. m. 8.17
Greenwich	3.44	12.1	8.18
Wick	3.7	12.13	9.19
Valencia	4.22	12.42	9.2

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 3 p.m.

DAILY WEATHER REPORT

for 8 a.m. on SUNDAY 22ND JUNE.

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours	Rainfall. Ins.		
				Dirac.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)			Max.	Min.				
																				At 32° and M. S. L.	Dry Bulb.
Ins.		Dry Bulb.	Dirac.	Force (0 to 12.)	Weather.	Ins.	Ins.	°	°	Change since Yester- day.	Dirac.	Force (0 to 12.)	Weather.	Max.	Min.	Hours	Ins.				
SCANDINAVIA.	Haparanda	30.14	55	N	2	b	30.21	+0.6	54	49	+2	N	4	b	*	b	61	39	*	-	
	Hernösand	30.08	55	NE	6	bc	30.07	-0.2	55	49	0	NE	6	o	*	bc	59	?	*	-	
	Stockholm	29.82	49	NNE	6	f	29.84	-0.2	45	45	-6	?	6	f	*	f	57	45	*	0.16	
	Wisby	29.72	45	2	0	f	29.76	+0.1	46	45	-2	NNE	4	f	*	f	57	39	*	0.43	
	Karlstad	29.96	58	NE	2	o	30.02	+0.5	50	44	-6	NE	2	f	*	o	*	*	*	-	
	Färder (X'ania Fjord)	29.92	65	2	0	o	30.04	+0.6	59	53	0	NE	2	o	1	o	65	57	*	-	
	Bodö	29.93	45	NNE	4	b	30.28	+0.1	46	42	+1	N	4	b	2	b	46	39	*	-	
	Christiansund	30.10	50	ENE	6	b	30.09	-0.3	53	47	+5	ENE	4	b	3	b	54	46	*	-	
	Skudesnaes	30.04	62	NNW	2	b	30.05	+1.1	60	56	-2	NNW	2	b	1	b	64	54	*	*	
BRITISH ISLANDS.	Sumburgh Head	29.97	49	ENE	3	bc	30.01	+0.8	50	49	+3	ENE	3	c	5	bc	52	46	*	-	
	Stornoway	29.87	57	2	0	c	29.92	+0.7	55	52	+5	SSE	1	ow	1	c	61	46	10.3	-	
	Malin Head	29.84	59	NE	1	emp	29.80	+0.8	57	55	+7	SE	5	op	4	a, emp	61	49	*	0.03	
	Blacksod Pt.	29.80	58	SSW	4	bc	29.70	+0.9	57	56	+3	SE	5	rm	4	bc, bc	59	53	*	0.10	
	Valencia	29.84	58	SSE	5	om	29.76	+0.2	57	56	+1	ESE	5	rmg	5	bc, om	63	55	7.1	0.28	
	Roche's Point	29.93	56	SW	3	og	29.89	+1.3	56	55	-1	SSW	5	rm	4	b, og	61	54	*	0.11	
	Parsonstown	29.86	67	W	1	c	29.86	+1.4	58	56	+1	ESE	4	o	*	c	68	55	5.9	-	
	Donaghadee	29.89	56	S	3	bc	29.98	+2.4	53	53	+1	SW	4	og	3	bc	56	50	*	-	
	Liverpool Obsy.	29.96	62	SSE	1	bc	30.07	+2.8	58	55	-3	SSE	1	bc	2	bc	63	50	*	0.02	
GERMANY, &c.	Holyhead	29.95	54	SW	3	f	30.03	+2.5	56	55	+2	S	4	om	3	c, f	60	51	*	-	
	Pembroke (St. Ann's)	29.98	54	SW	3	c	30.05	+2.5	54	52	0	SSE	5	og, om	5	c	58	52	4.3	-	
	Scilly (St. Mary's)	30.03	59	SSW	3	c	30.03	+1.9	57	55	+1	S	5	o	4	bc, c	62	54	10.8	-	
	Jersey (St. Aubins)	30.12	60	W	5	bc	30.21	+2.8	56	54	-1	SW	3	om	3	om, bc	61	49	5.4	-	
	Portland Bill	30.04	55	WSW	4	c	30.18	+3.3	54	54	-1	SSW	2	o	3	bc, c	59	50	*	-	
	Dungeness	30.02	57	W	5	bc	30.18	+3.9	55	55	-3	WSW	3	f	1	c, bc	61	51	*	-	
	Wick	29.95	50	SSE	2	b	29.95	+0.3	51	49	+2	SSE	2	b	2	b	53	45	*	-	
	Nairn	29.92	55	W	1	bc	29.95	+0.4	57	55	+5	2	0	b	0	bc	57	42	*	-	
	Aberdeen	29.97	50	E	2	bc	30.01	+0.9	54	52	+6	SSE	2	bc	1	b, bc, f	54	44	6.7	-	
FRANCE.	Leith	29.95	48	ENE	2	f	30.03	+1.6	50	50	+2	2	0	om	*	f	53	46	*	0.03	
	North Shields	29.94	50	N	1	o	30.06	+2.2	56	54	+2	SSW	1	of	2	f, o	55	48	*	-	
	Spurn Head	29.95	58	ESE	3	bc	30.11	+3.2	61	58	+6	2	0	bc	2	bc	62	52	*	-	
	Yarmouth	29.93	64	E	1	bc	30.09	+3.0	61	58	0	WNW	3	b	2	c, bc	68	52	*	0.02	
	Loughborough	29.95	64	W	3	c	30.12	+3.1	59	55	+1	2	0	emw	*	c, bc, om	69	46	*	-	
	Oxford	30.04	60	WSW	2	bc	30.16	+3.1	54	52	-4	S	2	o	*	bc	67	49	*	-	
	London (Brixton)	29.99	63	W	3	c	30.16	+2.8	61	57	+2	WSW	3	bc	*	odp, c	70	49	5.6	0.13	
	The Scaw (Skagen)	29.96	60	NE	1	c	30.00	+1.0	58	53	+1	NNE	2	c	0	c	66	55	*	-	
	Fanö	29.93	58	NE	1	c	30.06	+2.1	59	56	-4	NE	1	c	*	c	73	54	*	-	
SPAN. PEN.	Cuxhaven	29.90	62	NW	2	c	30.04	+2.2	61	59	+2	W	3	c	*	c	63	57	*	0.08	
	The Helder	29.96	58	W	1	b	30.09	+2.9	63	59	+5	WSW	1	b	1	b	64	54	*	-	
	Brussels	*	*	*	*	*	30.19	+3.0	55	55	-1	WSW	2	o	*	c	69	50	*	-	
	Berlin	29.86	60	2	0	f	29.97	+2.3	61	56	+5	WNW	3	b	*	f	61	55	*	0.08	
	Frankfurt	30.06	60	W	2	c	30.16	+2.6	60	50	+3	W	2	b	*	c	66	54	*	0.16	
	Munich	30.12	54	W	5	o	30.25	+2.6	53	51	+1	W	5	o	*	o	61	50	*	0.24	
	C. Gris Nez	30.02	58	SSW	5	b	30.16	+3.1	54	?	-2	SW	3	f	1	b	61	54	*	-	
	Brest	30.13	58	WSW	2	b	30.18	+2.4	56	55	0	S	3	c	3	b	61	55	*	-	
	Lorient	30.17	63	W	2	bc	30.20	+2.3	57	57	0	SSW	1	c	3	bc	64	54	*	-	
SPAN. PEN.	Rochefort	30.17	63	WNW	2	b	30.20	+1.5	56	?	-5	E	1	b	*	b	68	52	*	-	
	Biarritz	30.23	65	N	4	b	30.18	+0.2	63	60	0	2	0	b	2	b	70	54	*	-	
	Paris	30.12	58	NNW	1	o	30.24	+2.6	61	59	+4	SSW	1	b	*	o	67	50	*	0.12	
	Belfort	30.04	57	WSW	3	o	30.21	+2.3	56	55	+3	WSW	2	o	*	o	61	51	*	0.20	
	Lyons	30.17	64	ENE	1	f	30.25	+1.5	59	53	+2	N	1	c	*	f	71	54	*	-	
	Nice	29.93	66	W	3	b	30.06	+1.7	65	59	+3	NE	2	b	0	b	75	55	*	-	
	Perpignan	30.12	76	NW	2	bc	30.19	+0.8	70	63	+3	WSW	1	b	*	bc	81	63	*	-	
	Corunna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lisbon	30.10	66	NW	4	b	30.12	0.0	67	63	+3	N	4	b	*	b	75	61	*	-	
Azores (P. Delgada)	30.06	66	SW	4	m	30.04	+0.6	65	64	-1	S	4	m	3	m	70	64	*	-		

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR Sunday 22nd June, 1902

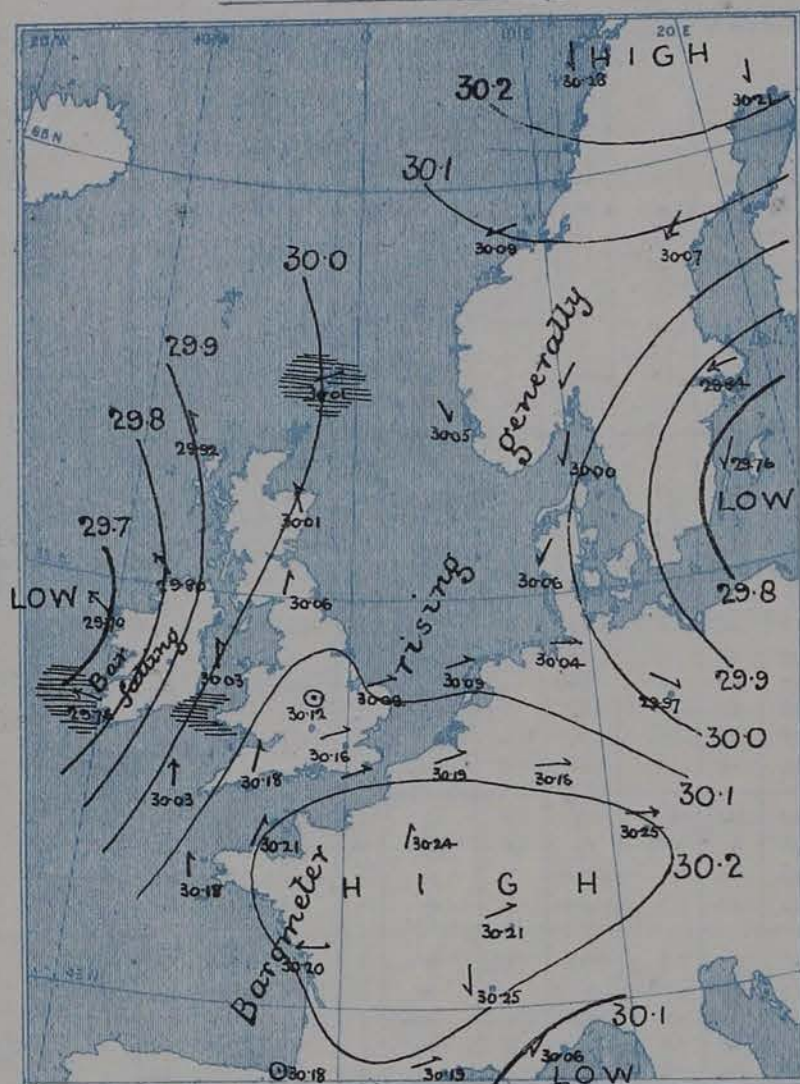
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ⊙
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High :

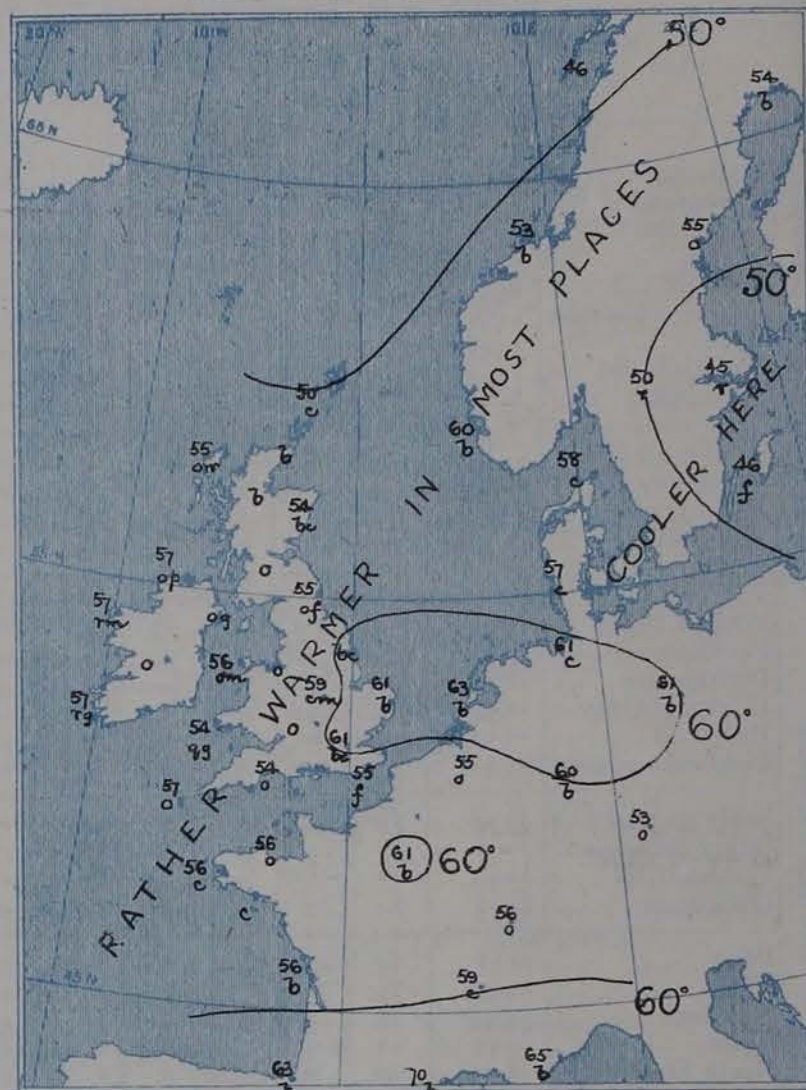


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III. BAROMETER AND WIND

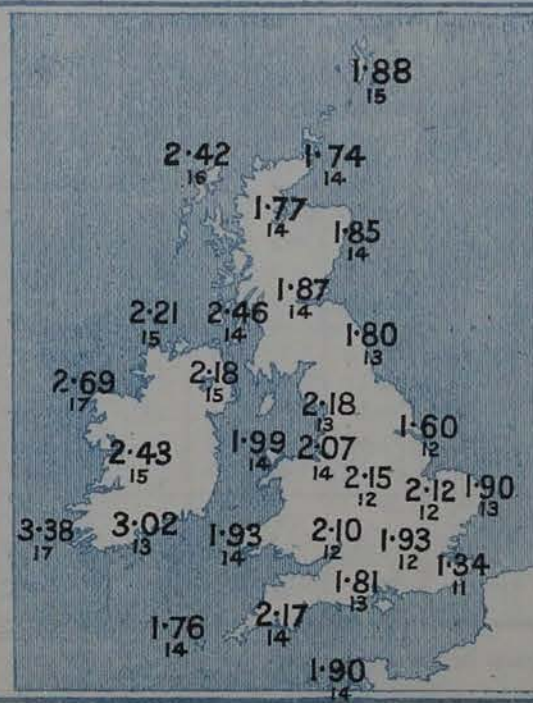
Yesterday morning.



IV. Average RAINFALL and NUMBER OF RAIN DAYS in month of JUNE (1871-1900)

Specimen { RAINFALL 1.80
(for Shields) RAIN DAYS 13

Malin Head & Blacksod Bay Muller Values are for only 15 yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the two monthly period

JUNE-JULY (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is still highest, above 30.2 ins. (1) over France and South Germany, and (2) over the north of Scandinavia, while two low pressure areas are also shown - one (about 29.7 ins.) off the West of Ireland, and the other (29.8 ins. and less), over the Baltic. Pressure is increasing slowly generally, but falling in Ireland, and in that country gradients have become steeper.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light and anticyclonic over France, light Southerly air prevail on our northern coasts, and moderate to fresh South-easterly winds in the west. Over Scandinavia Northerly and North-easterly breezes are reported while in Germany the wind is Westerly. Temperature has risen somewhat in most places, and is now about equal to the normal over our Islands. The readings range from 70° at Perpignan, and 61° at Paris, on our eastern coasts and in London, to 51° at Wick, and to 45° at Stockholm. At the last named station the temperature has fallen. The weather has become dull and rainy over our western coasts, and is foggy at the mouth of the Tyne and in the Straits of Dover. Rain is also falling in the south of Spain. In most other localities the weather is fine and bright. The sea is rather rough at Sumburgh Head and Valencia, moderate to smooth elsewhere.

The highest temperature recorded in the United Kingdom yesterday was 70° in London, but the maximum at Loughborough was only 1° lower. At Faro the thermometer registered 73°, at Nice and Lisbon 75°, and at Perpignan 81°. On the northeast coast of Great Britain and also at Pembroke and Portland Bill the maxima were below 60°. Rain has fallen at several western and at a few of our eastern stations as well as in the south of Sweden, Germany and the east of France. Bright sunshine was most prevalent in the extreme north-west and southwest.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

For the 24 hours ending at NOON on June 23rd

1902

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

None Issued.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

None Issued.

WARNINGS

None Issued.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	b	*	bc	66	50	7.7	-
Newton Reigny (Penrith)												*					
Bath	30.01	53	W 3	bc	30.14	+ 30	57	54	+ 1	53	0	*	bc	65	? 52	3.8	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	61	50	o, c, o	0.8	0.40	Worthing	*	*	*	5.8	*
Birmingham, 9 p.m. ...	65	50	c	2.1	-	Llandudno	*	*	*	6.4	*
Lowestoft, up to 6 p.m. ...						Rhyl up to 6 p.m. ...	*	*	*		*
Hastings	*	*	*	8.3	*	Southport, 9 p.m. ...	64	53	c, br	8.9	0.01
Eastbourne up to 6 p.m. ...	*	*	*	*	*	Manchester, 9 p.m. ...					
Brighton	*	*	*	*	*	Darwen, 9 p.m. ...					

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 21. June 1902.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS. 20. June.	TEMPERATURE, F. at 1 p.m.		WEATHER. 1 p.m.	RAIN. (measured at 7 a.m.) Ins.
	Max.	Min.				°			
Marseilles	66	54	b b	0.20	Geneva	59		o	8.12
Utrecht	77	52	bc r	-	Berne	54		r	-
Copenhagen	61	55	o o	0.08	Lucerne	61		r	-
Prague	64	54	o r	0.39	Lausanne	?		?	-
Vienna	70	55	o bc	-	Lugano	57		r	-
Buda-Pesth	68	57	c bc	-	Locarno	?		?	-
St. Petersburg	63	55	o o	-					
Rome	75	62	o o	-					
Malta	75	68	? bc	-					
Madeira (Funchal)	73	59	b o	-					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

22. June, 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3.32	11.55	6.18
Greenwich	3.45	12.2	8.19
Wick	3.8	12.14	9.20
Valencia	4.23	12.43	9.3

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

MONDAY 23RD JUNE.

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										LAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.		
		At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Weather.	Max.			Min.	
																					Ins.
SCANDINAVIA.	Haparanda ...	30.19	55	Z	0	b	30.28	+07	53	45	-1	NNE	6	b	*	b	61	43	*	-	
	Hernösand ...	30.06	53	Z	0	o	30.11	+04	57	48	+2	NE	2	o	*	o	61	50	*	-	
	Stockholm ...	29.91	46	NNW	4	o	29.86	+02	48	47	+3	NNE	6	+	*	o	50	43	*	0.12	
	Wisby ...	29.88	44	NNW	6	f	29.80	+04	44	44	-2	NNW	8	+	*	f	52	39	*	0.16	
	Karlstad...	30.04	35	NE	2	o	30.00	-02	58	49	+8	NE	2	o	*	o	*	*	*	-	
	Färder (X'iania Fjord) ...	30.08	58	E	4	c	30.08	+04	59	51	0	N	2	b	1	c	61	54	*	-	
	Bodö ...	30.26	45	NNE	4	b	30.22	-06	48	44	+2	N	4	b	2	b	48	41	*	-	
	Christiansund ...	30.06	58	ENE	3	b	30.07	-02	58	51	+5	ENE	3	c	3	b	64	48	*	-	
	Skudesnaes ...	30.07	59	SW	2	b	30.11	+06	58	56	-2	SSW	2	cf	2	b	63	52	*	*	
	Sumburgh Head ...	29.99	52	ENE	3	bc	30.00	-01	52	52	+2	Z	0	o	3	bc	55	49	*	0.33	
BRITISH ISLANDS.	Stornoway ...	29.84	54	SSE	3	+	29.98	+06	53	52	-2	SSE	3	o	3	op, r	60	51	0.8	0.26	
	Malin Head ...	29.82	60	W	2	bc	29.99	+19	58	56	+1	S	4	c	2	c, bc	64	56	*	0.02	
	Blacksod Pt. ...	29.82	57	SSW	6	bc	30.00	+30	56	55	-1	SSW	4	em	3	q, bc	60	55	*	0.19	
	Valencia...	29.92	60	SSE	4	c	30.06	+30	57	56	0	SSE	2	omd	4	c	63	55	3.3	0.13	
	Roche's Point ...	29.96	57	SSW	3	omp	30.11	+22	56	55	0	SW	4	m	4	o, omp	59	54	*	0.12	
	Parsonstown ...	29.90	68	W	2	bc	30.08	+22	59	57	+1	E	2	o	*	bc	68	54	5.6	-	
	Donaghadee ...	29.93	55	S	4	omp	30.07	+09	57	56	+4	S	2	cp	2	omp	57	51	*	0.08	
	Liverpool Obsy. ...	30.05	60	SSE	2	op	30.16	+09	57	56	-1	W	1	o	?	op	61	55	*	0.20	
	Holyhead ...	30.01	55	SSW	5	df	30.12	+09	54	53	-2	SSW	2	cf	1	r, df	58	52	*	0.11	
	Pembroke (St. Ann's) ...	30.05	54	S	5	f	30.16	+11	53	53	-1	SW	3	tg	5	r, f	55	51	0.0	0.26	
GERMANY, &c.	Scilly (St. Mary's)...	30.06	57	SSW	5	f	30.15	+12	56	56	-1	SW	3	f	4	r, f	59	55	0.3	0.21	
	Jersey (St. Aubins)...	30.18	64	SE	2	bc	30.24	+03	60	57	+4	W	3	od	3	bc	65	54	5.6	-	
	Portland Bill ...	30.19	54	ESE	2	omp	30.20	+02	55	55	+1	SSW	2	f	2	om, omp	58	53	*	0.05	
	Dungeness ...	30.20	57	WSW	2	c	30.20	+02	59	58	+4	W	1	c	1	b, c	60	53	*	-	
	Wick ...	29.91	54	NE	2	o	29.93	-02	60	58	+9	NE	1	c	1	o	60	49	*	0.03	
	Nairn ...	29.89	59	W	2	r	30.00	+05	64	58	+7	W	1	bc	0	+	70	50	*	0.21	
	Aberdeen ...	29.98	53	SSE	3	og	30.02	+01	66	60	+12	WSW	1	b	1	bc, r, og	66	50	3.4	0.06	
	Leith ...	29.97	57	SSE	1	r	30.06	+03	61	59	+1	Z	0	em	*	r	61	49	*	0.29	
	North Shields ...	30.00	64	SW	1	ou	30.09	+03	61	58	+6	SW	1	c	2	f, ou, r	64	53	*	0.06	
	Spurn Head ...	30.07	62	S	3	c	30.13	+02	61	58	0	WSW	3	bc	2	c	72	57	*	0.02	
FRANCE.	Yarmouth ...	30.10	67	SSE	2	bc	30.14	+05	61	58	0	W	3	c	2	bc	67	56	*	0.01	
	Loughborough ...	30.11	61	SW	2	c	30.17	+05	60	57	+1	WSW	3	o	*	c, op, q	70	56	*	0.02	
	Oxford ...	30.15	58	SSW	3	bc	30.20	+04	60	57	+6	SW	1	o	*	p, bc	67	53	*	-	
	London (Brixton) ...	30.16	62	W	1	op	30.19	+03	63	57	+2	SW	1	c	*	bc, op, o	71	54	10.2	0.01	
	The Scaw (Skagen) ...	30.08	57	NNE	2	c	30.06	+06	59	55	+1	N	7	b	0	c	61	55	*	-	
	Fanö ...	29.75	56	W	3	b	30.13	+07	59	57	+2	W	1	b	1	b	68	54	*	-	
	Cuxhaven ...	30.12	64	NW	3	b	30.16	+12	57	55	-4	WNW	2	o	*	b	64	55	*	-	
	The Helder ...	30.15	58	WSW	1	b	30.16	+07	62	59	-1	W	1	b	0	b	66	52	*	-	
	Brussels...	*	*	*	*	*	30.24	+05	61	55	+6	NW	1	+	*	c	72	55	*	-	
	Berlin ...	30.04	63	NW	3	bc	30.06	+09	59	54	-2	NW	3	c	*	bc	72	55	*	0.04	
SPAN. PEN.	Frankfurt ...	30.19	66	W	2	b	30.22	+06	62	57	+2	SW	3	c	*	b	75	54	*	-	
	Munich ...	30.28	58	W	2	c	30.30	+05	60	55	+7	W	4	b	*	c	64	52	*	0.04	
	C. Gris Nez ...	30.19	61	SSW	3	b	30.20	+04	62	60	+8	SSW	1	c	1	c	62	54	*	-	
	Brest ...	30.21	57	SSW	3	c	30.23	+05	56	56	0	Z	0	f	1	c	61	55	*	-	
	Lorient ...	30.22	62	S	1	bc	30.25	+05	58	58	+1	Z	0	m	2	bc	66	57	*	-	
	Rochefort ...	30.17	70	NW	2	b	30.26	+06	65	62	+9	Z	0	b	*	b	79	54	*	-	
	Biarritz ...	30.15	69	SW	3	b	30.26	+08	63	62	0	W	3	o	2	b	86	61	*	-	
	Paris ...	30.23	71	SW	1	bc	30.25	+01	64	60	+3	S	1	b	*	bc	75	54	*	-	
	Belfort ...	30.19	66	W	3	b	30.26	+05	58	54	+2	Z	0	m	*	b	71	48	*	-	
	Lyons ...	30.21	71	NNE	1	b	30.27	+02	64	55	+5	N	1	b	*	b	74	55	*	-	
Nice ...	30.09	69	SW	1	b	30.17	+11	67	56	+2	Z	0	b	0	b	77	57	*	-		
Perpignan ...	30.12	77	E	2	b	30.19	00	72	64	+2	SW	1	b	*	b	83	54	*	-		
SPAN. PEN.	Corunna ...																	*			
	Lisbon ...																	*			
	Azores (P. Delgada) ...																	*			

Erratum. In the report for Saturday, the 21st inst., the rainfall at DUNGENESS, incorrectly reported as 100 inch, should have been 0.01 inch.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on this page.

WEATHER CHARTS

FOR *Monday, 23rd June, 1902*

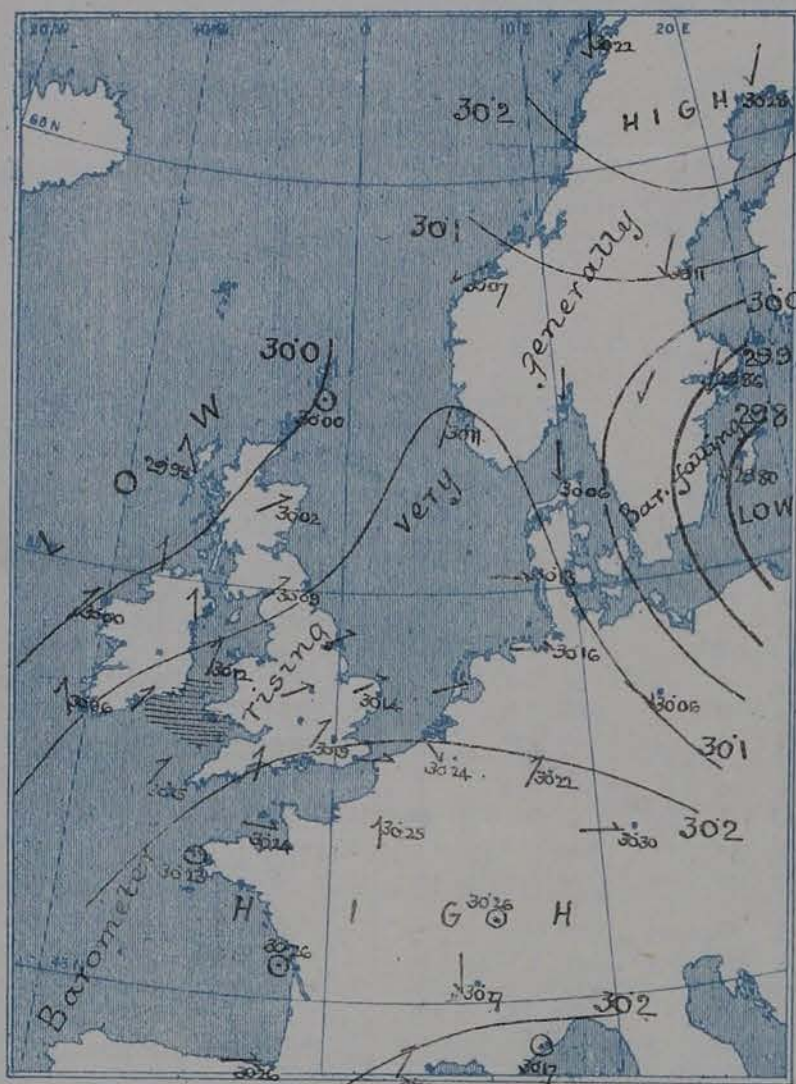
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ⊙
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough ≡ : High ≡

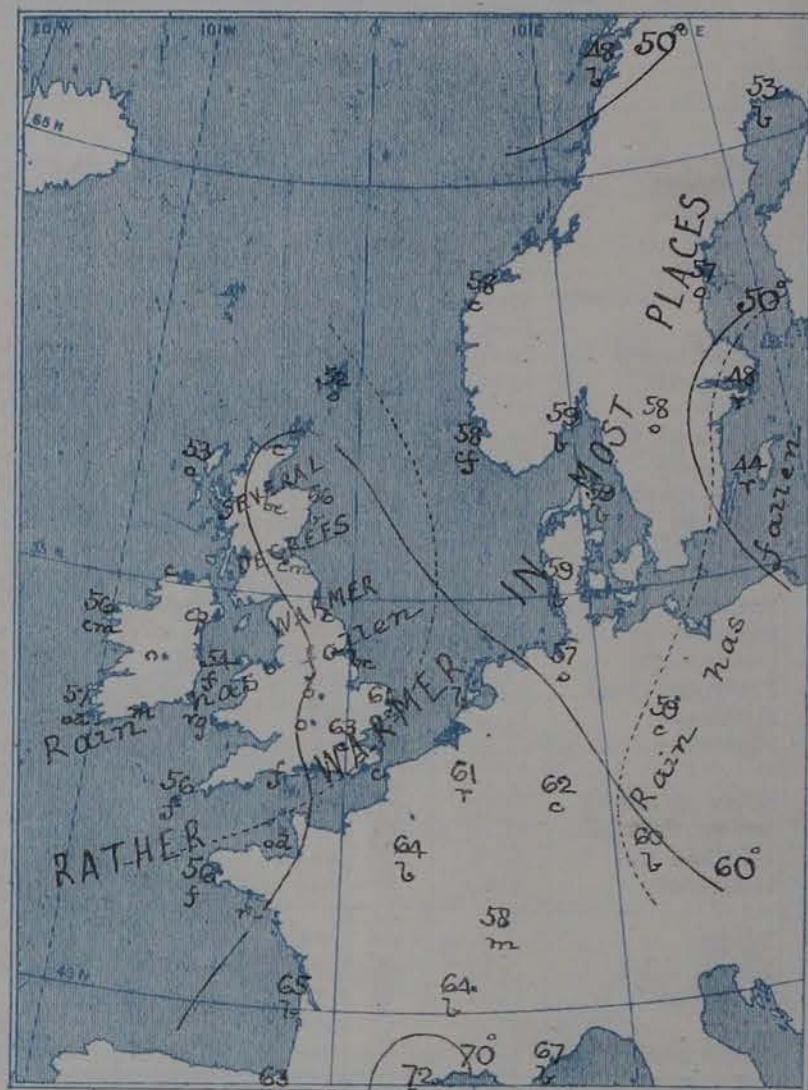


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III. BAROMETER AND WIND

Yesterday morning.



IV. Average RAINFALL and NUMBER OF RAIN DAYS in month of JUNE (1871-1900)

Specimen { RAINFALL 1.80
(for Shields) { RAIN DAYS 13

Malin Head & Blacksod Belmullet Values are for only 15 yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

JUNE-JULY (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

A large anticyclone now lies over England, the North Sea and the western parts of the Continent, the central portion of the system, with readings exceeding 30.2 ins. being situated over France and South Germany. Another high pressure system is reported over the north of Scandinavia and the barometer is rising slowly over Western Europe generally. The lowest readings 29.8 ins. and less, are found in a cyclonic area over the northern part of the Baltic, but readings are somewhat low, 30.0 ins. and less, on our own extreme north and north-west coasts.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light from the S.W. over the major part of Great Britain, but is moderate from the S. in Ireland and the west of Scotland; in France it is calm or variable. Strong N.W. breezes are reported in Sweden, with a gale at Wisby, but light W. winds in Denmark and Germany. Temperature has fallen slightly at some of our own western stations, but has risen over Western Europe as a whole, and is now above the average in most places. Over France readings are in nearly all places above 60°, the highest reported in these islands being 66° at Aberdeen and 64° at Nairn; at Aberdeen the reading is 10° above the normal for the time of year. The weather is fine in the eastern parts of Great Britain and at most of the Continental stations, but is rainy in the south of Sweden. In the west and extreme north of our islands the sky is cloudy or dull, with slight rain in places; fog prevails over the western parts of the Channel. The sea is slight or smooth generally, but moderate off the south of Ireland and rather rough at Pembroke. During yesterday the thermometer rose to between 65° and 70° in many parts of Great Britain, to 71° in London and to 72° at Spurn Head; at Paris it rose to 75°; while in the south of France it exceeded 80°. The duration of bright sunshine was generally small, but was large in the east and south-east of England; at Littlestone-on-Sea and Hastings it amounted to more than 11 hours. Rain fell over the greater part of the United Kingdom, but not heavily.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone over Western Europe is increasing slowly, both in size and intensity and although slight local showers are probable to-day at some of our southern stations, the general tendency is for the weather to become fine and warm.

FORECASTS*

For the 24 hours ending at NOON on 24th June, 1902

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	S ^W winds, light; cloudy, slight rain locally.
1	{ SCOTLAND EAST	} S.W ^W winds, light; fair, warm.
2	{ ENGLAND N.E.	
3	{ ENGLAND EAST	} S.W ^W winds, light; cloudy at first, with local showers, then fine and warm.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

6	{ SCOTLAND WEST	Same as No 0.
7	{ ENGLAND N.W.	Same as Nos. 3 to 5.
8	{ ENGLAND S.W.	S.W ^W winds, light; cloudy at first, with mist and rain in places, then fair.
9	{ IRELAND NORTH	} S ^W to S.W ^W winds, moderate; cloudy, some showers
10	{ IRELAND SOUTH	

WARNINGS

None issued.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	c	*	b,lc	65	56	10.5	0.01
Newton Reigny (Penrith)	30.02	56	SS	0	30.09		57	55		51	bc	*	c,ot,c	67	52	3.3	0.15
Bath	30.14	59	W4	c	30.18	+0.4	60	59	+3	51	0	*	c	65	55	3.5	0.03

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.
	Max.	Min.		Hrs.	Ins.		Max.	Min.		Hrs.	Ins.
Harrogate, up to 6 p.m. ...	70	47	b.c.0	7.9	0.01	Worthing	*	*	*	5.0	*
Birmingham, 9 p.m. ...						Llandudno up to 6 p.m. ...	*	*	*	1.7	*
Lowestoft, up to 6 p.m. ...						Rhyl up to 6 p.m. ...	*	*	*	0.5	*
Hastings	*	*	*	11.2	*	Southport, 9 p.m. ...	66	48	b,ot,c	0.0	0.19
Eastbourne up to 6 p.m. ...	*	*	*	5.0	*	Manchester, 9 p.m. ...	73	48	c,b,t	3.5	0.10
Brighton	*	*	*	4.6	*	Darwen, 9 p.m. ...	65	47	om,u	2.5	0.11

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.		TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.		TEMPERATURE, F.		WEATHER.	RAIN. (measured at 7 a.m.)
22. VI. 02		Max. °	Min. °			21. VI. 02		at 1 p.m. °			
Marseilles	Observations not yet rec'd				Ins.	Geneva		70	0		0.47
Utrecht						Berne		55	0		0.12
Copenhagen						Lucerne		61	0		0.32
Prague						Lausanne		?	?		0.51
Vienna						Lugano		79	6		0.49
Buda-Pesth						Locarno		?	?		0.47
St. Petersburg											
Rome											
Malta											
Madeira (Funchal)											

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

23 June, 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3.32	11.55	8.18
Greenwich	3.45	12.2	8.19
Wick	3.8	12.14	9.20
Valencia	4.23	12.43	9.3

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

TUESDAY 24TH JUNE

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine Hours	Rain/fall Ins.	
		At 82° and M.S.L.	Ins.	Dry Bulb.	Dirac.			Force (0 to 12.)	At 82° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.			Force (0 to 12.)	Max.			Min.
SCANDINAVIA.	Haparanda ...	30.18	55	NE	2	b	30.24	-0.4	52	49	-1	NE	4	b	*	b	61	41	*	-	
	Hernösand ...	30.16	53	Z	0	o	30.21	+1.0	59	51	+2	NE	2	b	*	o	59	52	*	-	
	Stockholm ...	29.96	47	N	6	o	30.06	+2.0	53	48	+5	NNW	4	b	*	o	53	43	*	0.04	
	Wisby ...	29.85	45	N	6	o	29.98	+1.8	47	44	+3	N	6	bc	*	o	48	37	*	0.47	
	Karlstad ...	30.15	50	NNE	2	+	30.18	+1.8	54	48	-4	NNE	4	bc	*	+	*	*	*	0.12	
	Færder (X'ania Fjord) ...	30.11	61	SSE	1	b	30.21	+1.3	59	50	0	NE	1	bc	1	b	66	54	*	-	
	Bodö ...	30.20	51	N	4	b	30.24	+0.2	49	46	+1	N	2	b	1	b	52	45	*	-	
	Christiansund ...	30.17	55	WNW	2	b	30.25	+1.8	48	47	-10	W	2	f	2	b	63	45	*	-	
	Skudesnaes ...	30.15	59	NNW	4	o	30.25	+1.4	58	55	0	NNW	6	b	2	o	63	54	*	-	
	BRITISH ISLANDS.	Sumburgh Head ...	30.14	59	NW	1	o	30.23	+2.3	58	55	+6	SE	1	c	2	c, o	60	50	*	-
Stornoway ...		30.10	57	SSE	2	c	30.14	+1.6	54	53	+1	Z	0	+	0	c	63	50	5.3	0.09	
Malin Head ...		30.08	56	E	1	od	30.12	+1.3	59	57	+1	S	5	bc	3	c, od	64	54	*	0.08	
Blackod Pt. ...		30.02	58	SSW	4	tm	30.05	+0.5	61	58	+5	S	4	c	5	opm, tm	62	45	*	0.02	
Valencia ...		30.07	59	SE	4	ogm	30.10	+0.4	60	58	+3	SSE	2	o	4	c, ogm	60	56	0.0	0.09	
Roche's Point ...		30.16	56	SSW	3	o	30.18	+0.7	55	55	-1	S	3	f	3	o	59	55	+	0.03	
Parsonstown ...		30.12	63	SE	2	o	30.16	+0.6	60	57	+1	SE	3	o	*	o	68	55	2.7	-	
Donaghadee ...		30.15	60	SW	2	cm	30.20	+1.3	53	53	-4	SW	3	o	2	cm	65	51	*	-	
Liverpool Obsy. ...		30.21	61	NW	2	bc	30.25	+0.9	63	58	+6	ESE	1	b	?	bc	64	54	*	-	
Holyhead ...		30.19	55	SW	2	cm	30.25	+1.3	55	54	+1	SW	2	of	1	f, cm	59	51	*	-	
GERMANY, &c.	Pembroke (St. Ann's) ...	30.21	54	SW	3	o	30.23	+0.7	54	53	+1	S	3	ogm	3	o	56	52	0.2	-	
	Scilly (St. Mary's) ...	30.23	58	S	3	o	30.21	+0.6	57	57	+1	SSE	5	f	3	om, o	60	56	0.1	0.02	
	Jersey (St. Aubins) ...	30.27	64	NW	3	b	30.28	+0.4	58	56	-2	ESE	2	f	2	f, cm, b, f	67	54	5.5	-	
	Portland Bill ...	30.26	59	WSW	2	b	30.29	+0.9	54	54	-1	ENE	1	om	2	f, b	60	49	*	-	
	Dungeness ...	30.23	59	W	3	bc	30.29	+0.9	55	55	-4	S.	1	f	1	bc, f	64	54	*	-	
	Wick ...	30.12	59	E	2	b	30.21	+2.8	56	56	-4	SE	2	bc	1	b, b	65	49	*	0.01	
	Nairn ...	30.12	60	E	1	bc	30.20	+2.0	57	56	-7	Z	0	m	0	bc	73	52	*	-	
	Aberdeen ...	30.12	59	ENE	1	bc	30.23	+2.1	59	57	-7	E	2	bc	1	bc	68	52	12.9	-	
	Leith ...	30.12	63	W	1	c	30.22	+1.6	65	59	+4	Z	0	c	*	c	71	56	*	-	
	North Shields ...	30.15	67	Z	0	c	30.25	+1.6	60	57	-1	SW	1	c	2	c	68	54	*	-	
FRANCE.	Spurn Head ...	30.16	60	SE	2	c	30.27	+1.4	62	58	+1	NW	1	bc	2	c	70	57	*	-	
	Yarmouth ...	30.18	63	SE	2	b	30.24	+1.0	65	62	+4	W	1	b	2	bc, b	66	55	*	-	
	Loughborough ...	30.19	74	W	1	bc	30.29	+1.2	63	59	+3	ESE	1	cmw	*	abc, bm	74	50	*	-	
	Oxford ...	30.23	66	WSW	1	b	30.29	+0.9	67	61	+7	SW	1	b	*	b	72	53	*	-	
	London (Brixton) ...	30.21	73	WNW	1	bc	30.29	+1.0	67	62	+4	SW	1	b	*	o, bc, bw	75	55	5.2	-	
	The Scaw (Skagen) ...	30.12	59	E	3	bc	30.20	+1.4	56	51	-3	NNE	2	b	0	bc	66	54	*	-	
	Fanö ...	30.15	57	W	4	o	30.18	+0.5	58	56	-1	NE	2	o	*	o	63	55	*	-	
	Cuxhaven ...	30.15	63	WNW	4	o	30.21	+0.5	59	57	+2	NNW	4	o	*	o	64	57	*	-	
	The Helder ...	30.24	64	W	1	b	30.27	+1.1	60	58	-2	NW	1	b	*	b	64	55	*	-	
	Brussels ...	*	*	*	*	*	30.29	+0.5	64	59	+3	NNE	1	b	*	c	77	53	*	-	
SPAN. PEN.	Berlin ...	30.05	67	NW	3	b	30.03	-0.3	62	59	+3	NW	4	b	*	b	73	55	*	-	
	Frankfurt ...	30.21	66	N	2	c	30.22	0.0	63	58	+1	NNW	2	c	*	c	72	57	*	-	
	Munich ...	30.28	58	W	4	+	30.25	-0.5	61	58	+1	W	4	o	*	+	68	54	*	0.08	
	C. Gris Nez ...	30.24	62	SSW	3	bc	30.28	+0.8	55	?	-7	SSW	2	f	1	bc	68	52	*	-	
	Brest ...	30.26	65	Z	0	f	30.20	-0.3	57	55	+1	ENE	3	b	2	f	64	56	*	-	
	Lorient ...	30.25	67	W	2	b	30.22	-0.3	61	60	+3	E	3	b	4	b	75	57	*	-	
	Rochefort ...	30.19	68	NW	1	b	30.16	-1.0	68	64	+3	E	2	b	*	b	77	61	*	-	
	Biarritz ...	30.18	69	Z	3	b	30.12	-1.4	73	69	+10	E	2	b	2	b	73	63	*	-	
	Paris ...	30.23	74	SW	2	c	30.28	+0.3	61	59	-3	N	2	b	*	c	78	57	*	-	
	Belfort ...	30.17	71	W	4	c	30.22	7.04	63	59	+5	Z	0	m	*	c	77	52	*	-	

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page

WEATHER CHARTS

FOR *Tuesday, 24th June, 1902*

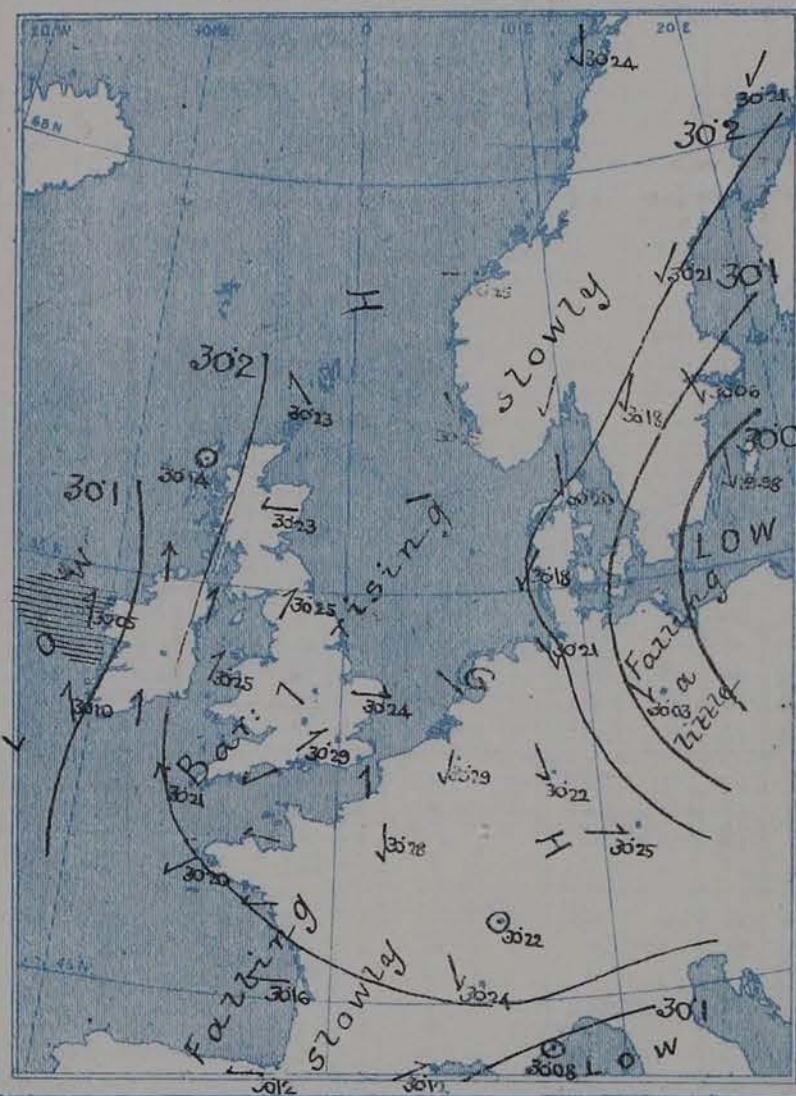
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ⊙
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough  : High 

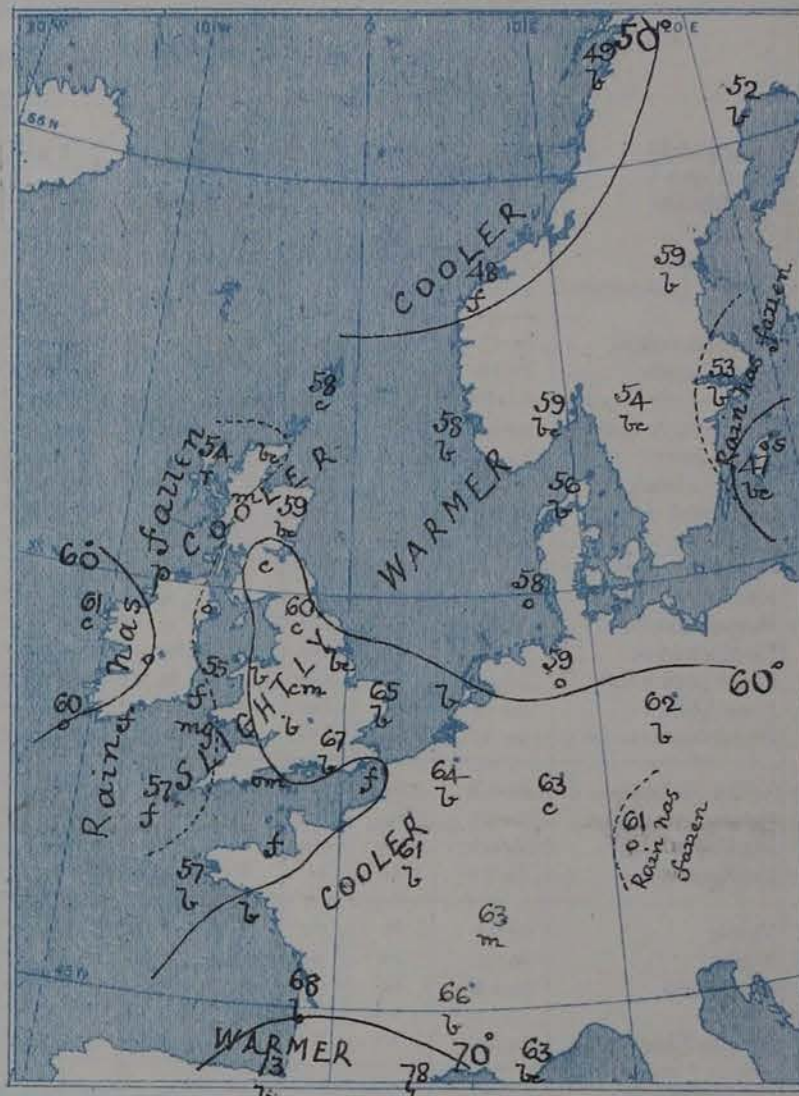


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III. BAROMETER AND WIND

Yesterday morning.



IV. Average RAINFALL and NUMBER of RAIN DAYS in month of JUNE (1871-1900)

Specimen { RAINFALL 1.80
(for Shields) { RAIN DAYS 13

Malin Head & Blacksod Bay Mulllet Values are for only 15 yrs



V. Means of DAILY TEMPERATURE

*at 8 A.M. for the Two monthly period
JUNE-JULY (1871-1900.)*



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone noticed yesterday has extended northwards over nearly the whole of Western Europe, and the readings of the barometer now exceed 30.2 in. over the greater part of our area, those over England and the Netherlands being very little below 30.3 in. The lowest readings, 30.0 in. and less, are found over the Baltic, but readings are somewhat low, 30.1 in. and less, in the west of Ireland, and also in the extreme south of France. The barometer is rising a little in most places, but is falling in the west and south of France, and at some of the German stations.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light from the E. in the west of France, and is moderate from the S. on our western coasts, but is very variable in all other parts of the United Kingdom and France. Over Scandinavia, Denmark and the Netherlands it is chiefly N. and in Germany N.W. Temperature has risen over the greater part of England and also in the south of Scotland, the morning readings varying in most places between 60° and 65°; in London and at Oxford the thermometer stands at 67°, and is respectively 7° and 8° above the average. In the north and east of Scotland the thermometer has fallen; a fall is also reported on many parts of our western and southern coasts, where fog or mist is very prevalent, the readings being as low as 53° at Donaghadee, and 54° at Pembroke and Portland Bill. In the west and south of France the thermometer has risen, and at Perpignan it now stands as high as 78°. The weather is fine over Western Europe as a whole, but is dull in Ireland and the west of Scotland, with rain at Stornoway and passing showers at Malin Head. The sea is slight or smooth generally, but is rather rough at Blackhead Point. During yesterday the thermometer rose to 70° and upwards in many parts of Great Britain, and to 75° in London; at several coast stations in the west and south it did not exceed 60° and at Pembroke it only rose to 56°. The amount of bright sunshine varied considerably at different places, but was, as a rule, somewhat small; at Aberdeen, however, there was as much as 12.9 hours. Slight rain fell in Ireland and the west and north of Scotland. A solar halo was seen at Oxford.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any decided change. The fall of the barometer which has set in over the west and south of France may possibly indicate the approach of disturbances from the southward; the movement is, however, slight, and the winds and weather show at present no signs of the presence of any definite depression.

NOTICE.

The Daily Weather Report for Thursday next—Coronation Day—will be issued (with that for Saturday) on Saturday, the 28th inst. The Report for Friday the 27th will be issued (with that for Monday) on Monday, the 30th inst.

FORECASTS *

For the 24 hours ending at NOON on 25th June, 1902

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	E ^{ly} and S.E ^{ly} winds, light, fair generally.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	Variable breezes, finally E ^{ly} , fine, warm.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

6	{ SCOTLAND WEST	S ^{ly} winds, moderate, cloudy, some showers.
7	{ ENGLAND N.W.	Same as Nos. 0 and 1.
8	{ ENGLAND S.W.	E ^{ly} and S.E ^{ly} winds, moderate, fair generally, but misty or foggy on coast.
9	{ IRELAND NORTH	Same as No. 6.
10	{ IRELAND SOUTH	
WARNINGS		None issued

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.			
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	b	*	c, bc	67 56	4.8	-
Newton Reigny (Penrith) ...	30.16	63	SSW 1	c	30.24 +15	58	56	+1	WSW 2	bc	*	c, bem	67 51	7.0	-
Bath	30.21	70	W 1	b	30.27 +09	63	59	+3	N 1	b	*	b	71 50	8.5	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	69	57	c, b	8.6	0.07	Worthing	*	*	*	6.7	*
Birmingham, 9 p.m. ...	71	53	c	4.6	-	Llandudno	*	*	*	8.5	*
Lowestoft, up to 6 p.m. ...	68	56	c	3.1	-	Rhyl up to 6 p.m. ...	*	*	*	9.8	*
Hastings	*	*	*	8.8	*	Southport, 9 p.m. ...	63	53	c, c	6.9	-
Eastbourne up to 6 p.m. ...	*	*	*	8.2	*	Manchester, 9 p.m. ...	74	56	b	6.3	-
Brighton	*	*	*	3.8	*	Darwen, 9 p.m. ...	66	53	c, v, o	4.3	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 23 rd JUNE	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 22 nd JUNE	TEMPERATURE, F. at 1 p.m. °	WEATHER.	RAIN. (measured at 7 a.m.)
	Max. °	Min. °						
Marseilles	81	54	b, b.	Ins.	Geneva	Information not yet received		Ins.
Utrecht... ..	70	52	c, o	—	Berne			
Copenhagen... ..	61	54	o, c	—	Lucerne			
Prague	66	55	o, c	0.12	Lausanne			
Vienna	68	57	o, o	—	Lugano			
Buda-Pesth	75	59	o, c	—	Locarno			
St. Petersburg	?	?	f, c	—				
Rome	81	60	c, b	—				
Malta	75	68	?, b	—				
Madeira (Funchal)	72	61	o, o	—				

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corres- ponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corres- ponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

24 th JUNE 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	h. m. 3-32	h. m. 11-55	h. m. 8-18
Greenwich	3-45	12-2	8-19
Wick	3-8	12-14	9-20
Valencia	4-23	12-43	9-3

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " " £1 10 0 " " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on WEDNESDAY 25TH JUNE 1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours	Rainfall Ins.		
				At 32° and M.S.L.	Dry Bulb.		Dirac.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.			Dirac.	Force (0 to 12.)			Max.	Min.
SCANDINAVIA.	Haparanda ...	30.26	54	Z	0	c	30.29	+0.5	55	48	+3	N	4	b	*	c	59	39	*	-	
	Hernösand ...	30.23	51	Z	0	b	30.24	0.0	57	49	-2	Z	0	b	*	b	63	45	*	-	
	Stockholm ...	30.19	55	N	2	b	30.27	+2.1	60	51	+7	Z	0	b	*	b	63	43	*	-	
	Wisby ...	30.17	46	NNE	4	b	30.23	+2.5	47	44	0	N	4	b	*	b	54	39	*	-	
	Karlstad ...	30.23	64	Z	0	b	30.29	+1.1	60	53	+6	SSE	2	b	*	b	*	*	*	-	
	Färder (X'ania Fjord)	30.19	64	WSW	4	b	30.30	+0.9	58	57	-1	ENE	1	m	1	b	64	57	*	-	
	Bodö ...	30.28	49	N	2	b	30.34	+1.0	47	44	-2	W	4	b	2	b	50	43	*	-	
	Christiansund ...	30.32	55	N	2	b	30.36	+1.1	54	50	+6	WNW	2	b	2	b	61	46	*	-	
	Skudesnaes ...	30.32	55	NNW	6	f	30.38	+1.3	55	54	-3	NNE	4	f	1	f	63	52	*	*	
	Sumburgh Head ...	30.28	53	SE	2	c	30.24	+0.1	51	51	-7	SE	2	m	4	b, c	60	49	*	-	
BRITISH ISLANDS.	Stornoway ...	30.16	63	WSW	3	o	30.16	+0.2	57	55	+3	Z	0	ow	0	o	67	48	1.5	0.03	
	Malin Head ...	30.13	63	E	1	b	30.11	-0.1	62	58	+3	SE	4	c	2	b	68	56	*	-	
	Blacksod Pt. ...	30.07	62	SSW	4	b, m	30.02	-0.3	60	58	-1	SE	4	b, m	3	c, b, m	67	35	*	0.10	
	Valencia ...	30.09	64	SSE	2	b	29.96	-1.4	67	64	+7	ESE	5	ot	4	c, b	68	58	6.1	0.09	
	Roche's Point ...	30.15	55	SSE	3	f	30.06	-1.2	61	58	+6	ESE	6	b	4	a, f, l	61	52	*	0.01	
	Parsonstown ...	30.14	66	E	1	b	30.07	-0.9	64	58	+4	ESE	3	o	*	b	69	56	6.5	0.02	
	Donaghadee ...	30.22	53	S	3	c	30.19	-0.1	55	54	+2	SE	1	c	1	c, f	56	47	*	-	
	Liverpool Obsy. ...	30.22	64	Z	0	b, m	30.22	-0.3	68	64	+5	ESE	3	b	?	b, m	75	58	*	-	
	Holyhead ...	30.22	56	NW	1	c, m	30.17	-0.8	68	64	+13	Z	0	b	0	c, c, m	71	54	*	-	
	Pembroke (St. Ann's)	30.17	67	SE	1	b	30.10	-1.3	62	58	+8	ESE	5	b, m	4	f, b	67	53	7.1	-	
GERMANY, &c.	Scilly (St. Mary's) ...	30.15	58	E	4	f	30.05	-1.6	58	56	+1	ESE	5	c	3	f	60	56	0.0	0.01	
	Jersey (St. Aubins) ...	30.19	75	NE	3	b	30.17	-1.1	66	61	+8	ENE	2	b, m	2	b, m, b	77	57	9.3	-	
	Portland Bill ...	30.23	56	ENE	2	b	30.18	-1.1	60	58	+6	E	5	b	4	b, f	60	54	*	-	
	Dungeness ...	30.27	63	ENE	1	b	30.23	-0.6	61	60	+6	E	4	b	2	b	67	59	*	-	
	Wick ...	30.18	60	SE	1	b	30.19	-0.2	58	55	+2	S	2	b	1	b	68	45	*	-	
	Nairn ...	30.16	65	Z	0	c	30.17	-0.3	64	61	+7	Z	0	b	0	c	66	51	*	-	
	Aberdeen ...	30.25	62	S	2	b	30.25	+0.2	61	57	+2	S	2	b	1	b	67	52	7.7	-	
	Leith ...	30.21	64	Z	0	c	30.23	+0.1	59	56	-6	NE	1	b, m	*	c	69	53	*	-	
	North Shields ...	30.25	59	ESE	2	c	30.28	+0.3	61	58	+1	ESE	2	m	2	b, c	65	54	*	-	
	Spurn Head ...	30.25	60	ESE	3	b	30.30	+0.3	56	55	-6	SE	3	f	2	b	57	54	*	-	
FRANCE.	Yarmouth ...	30.27	64	E	1	b	30.30	+0.6	58	56	-7	E	4	b, f	3	b	66	54	*	-	
	Loughborough ...	30.24	81	SE	1	b	30.27	-0.2	67	61	+4	ESE	3	b, w	*	c, b, b, m	82	55	*	-	
	Oxford ...	30.23	73	E	1	b	30.25	-0.4	67	60	0	ESE	2	b	*	b	80	57	*	-	
	London (Brixton) ...	30.24	76	SE	1	b	30.27	-0.2	65	59	-2	E	4	b	*	b, m, b, w	83	57	4.0	-	
	The Scaw (Skagen) ...	30.24	60	NW	1	b	30.29	+0.9	59	58	+3	SW	1	b	0	b	66	55	*	-	
	Fanö ...	30.28	58	NE	4	o	30.32	+1.4	57	55	-1	WNW	4	b	*	o	68	50	*	-	
	Cuxhaven ...	30.25	62	NNW	4	b	30.35	+1.4	63	57	+4	N	3	b	*	b	66	55	*	-	
	The Helder ...	30.28	62	NNE	1	b	30.32	+0.5	59	56	-1	E	1	o	1	b	68	55	*	-	
	Brussels ...	*	*	*	*	*	30.28	-0.1	60	57	-4	NE	2	b	*	b	75	51	*	-	
	Berlin ...	30.15	56	NW	3	o	30.24	+2.1	58	51	-4	NW	3	c	*	o	64	50	*	-	
SPAN. PEN.	Frankfurt ...	30.20	64	N	2	b	30.26	+0.4	59	55	-4	NNE	4	c	*	b	75	54	*	-	
	Munich ...	30.21	61	SW	2	c	30.23	-0.2	55	53	-6	Z	0	o	*	c	70	52	*	-	
	C. Gris Nez ...	30.26	63	ENE	3	b	30.26	-0.2	60	58	+5	ENE	4	b	2	b	68	55	*	-	
	Brest ...	30.15	78	NW	1	b	30.05	-1.5	66	62	+9	E	2	b	2	b	81	57	*	-	
	Lorient ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Rochefort ...	30.14	82	E	3	b	30.07	-0.9	68	65	0	E	3	b	*	b	93	64	*	-	
	Biarritz ...	30.03	89	E	4	b	29.96	-1.6	69	66	-4	Z	0	b	2	b, l	91	64	*	-	
	Paris ...	30.22	74	NE	3	b	30.19	-0.9	68	59	+7	ENE	2	b	*	b	77	57	*	-	
	Belfort ...	30.11	67	ENE	5	o	30.11	-1.1	60	54	-3	ENE	5	m	*	o	78	52	*	-	
	Lyons ...	30.11	76	N	1	b	30.05	-1.9	61	54	-5	NNW	2	b	*	b	79	60	*	-	
Nice ...	29.97	75	Z	0	b	29.90	-1.8	65	62	+2	Z	0	c	1	b	77	61	*	-		
Perpignan ...	29.98	84	NE	1	b	29.94	-1.8	75	66	-3	NW	1	b	*	b	91	60	*	-		
SPAN. PEN.	Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Lisbon ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Azores (P. Delgada)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR WEDNESDAY, 25TH JUNE 1902

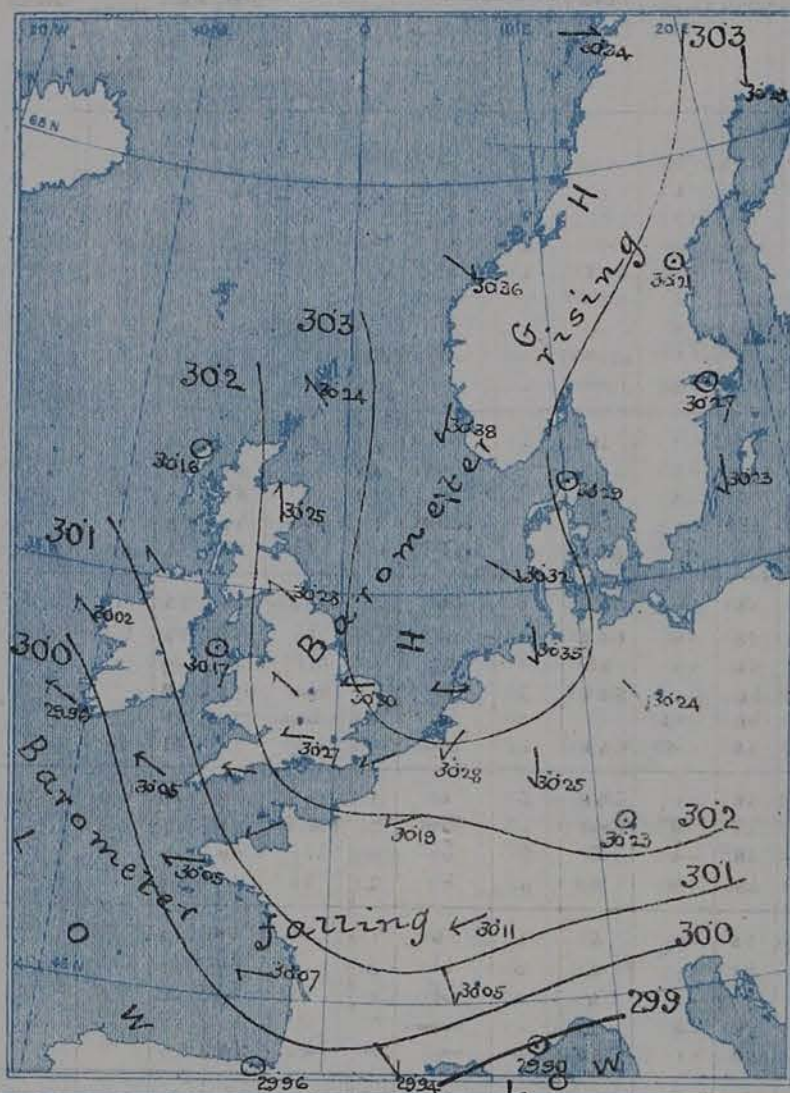
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ⊙
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough ≡ : High ≡

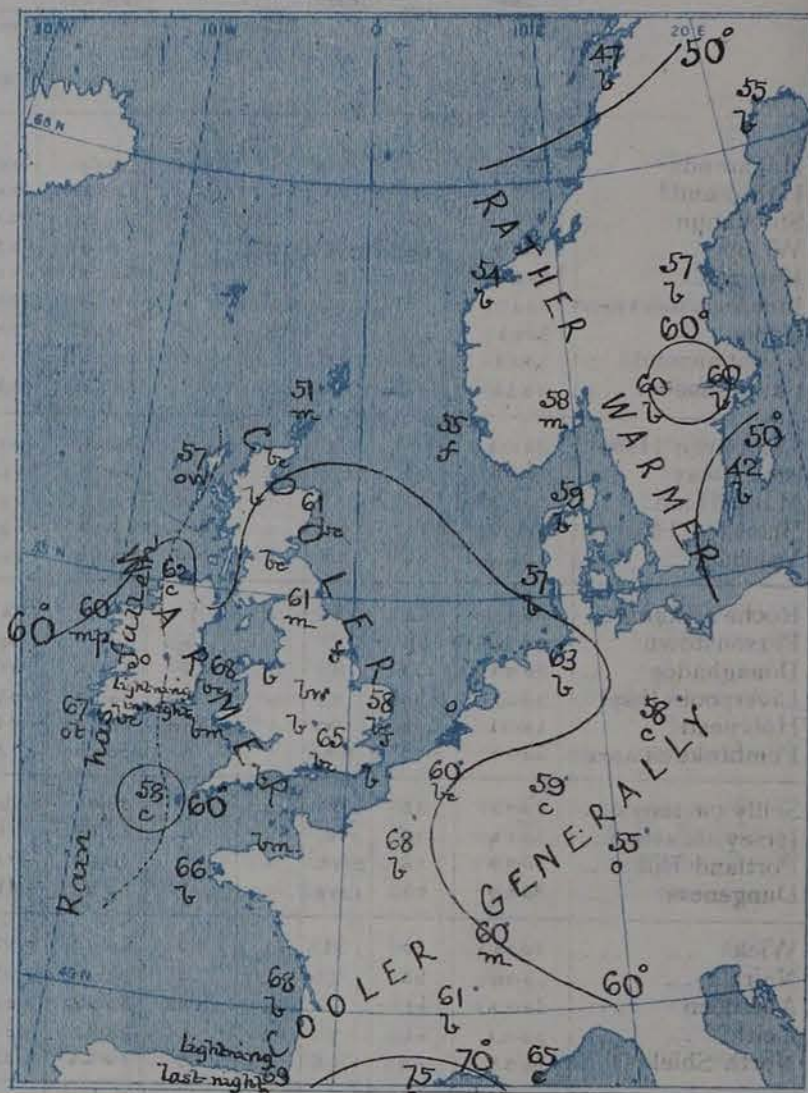


II TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.8



III BAROMETER AND WIND

Yesterday morning.



IV Average RAINFALL and NUMBER OF RAIN DAYS in month of JUNE (1871-1900)

Specimen { RAINFALL 1.80
(for Shields) { RAIN DAYS 13

Malin Head & Blacksod & Belmullet Values are for only 15 yrs



V Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

JUNE-JULY (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone over Western Europe is moving North Eastwards, its central area, with readings exceeding 30.3 inches, being at present situated over Norway, Denmark, and the North Sea, in which regions the barometer is rising slowly. Over France and the West and South of our Islands the mercury is falling, and while the lowest readings, 29.9 inches and less, are found in a small cyclonic system over the Gulf of Genoa, the barometer is almost, if not quite as low in a larger disturbance which is approaching our own extreme South West coasts.

WIND

The wind is Easterly or South Easterly over the greater part of the United Kingdom, and fresh or strong on our South West coasts; in the North of Scotland, however it is calm or light from the Southward. Over France and the Netherlands the wind is light to moderate from the Eastward or North Eastward while in Scandinavia, Denmark and Germany it varies between West and North.

TEMPERATURE

Temperature has risen in our Islands (excepting in the East of England) and also in the North of France and the South of Sweden, but has fallen in most other parts of our area. Over the United Kingdom generally, the thermometer is considerably above the average, the readings being above 60° in most places and above 65° at many of the English stations, as well as at Valencia (Ireland); at Liverpool the reading of 68° is 10° above the normal.

WEATHER

The weather is fine over Western Europe as a whole, but is foggy on the East coasts of England and cloudy on the West coasts of Ireland and Scotland, with passing showers at Blacksod Point and thunder at Valencia. The sea is moderate at many of our Western stations, but slight or smooth elsewhere.

AND

SEA

During yesterday the thermometer rose to between 75° and 80° in many parts of England, to 82° at Loughborough, and to 83° in London. The amount of Bright sunshine was large at most of the English stations, but was much smaller in Ireland and Scotland. Slight rain fell in Ireland and Scotland, and lightning was seen at Rocks Point and Biscree.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone will probably continue to move North Eastwards, but over the greater part of England the weather is likely to remain fine during the ensuing 24 hours. The cyclonic area which is approaching our South West coasts is likely to cause very strong South Easterly winds in that region, and rainy weather will probably extend gradually to most of our Western districts.

NOTICE.

The Daily Weather Report for tomorrow, (Thursday, 26 June) will be issued (with that for Saturday) on Saturday the 28th inst. The Report for Friday the 27th. will be issued (with that for Monday) on Monday the 24th inst.

FORECASTS *

For the 24 hours ending at NOON on 26th JUNE 1902

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	SE ⁴ winds, freshening; fair at first, some rain later.
1	SCOTLAND EAST	E ⁴ and SE ⁴ winds, light; fine generally, but some mist or fog on coast.
2	ENGLAND N.E.	
3	ENGLAND EAST	E ⁴ winds, freshening; fine generally, rather cooler.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	SE ⁴ winds, freshening; cloudy, showery
7	ENGLAND N.W.	SE ⁴ winds, moderate; fine at first, showery later.
8	ENGLAND S.W.	SE ⁴ winds, strong; fair at first, some rain later.
9	IRELAND NORTH	Same as No 6
10	IRELAND SOUTH	Same as No 8

WARNINGS

NONE

ISSUED.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	br	*	b	67	57	13.8	-
Newton Reigny (Penrith)	30.15	76	NW 2	b	30.22	-.02	66	63	+8	ESE 2	b	*	bm	78	55	11.5	-
Bath	30.22	76	W 1	b	30.20	-.07	68	61	+5	E 2	b	*	b	79	56	13.5	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	74	52	bc, b, o	11.1	-	Worthing	*	*	*	11.5	*
Birmingham, 9 p.m. ...	78	54	b	13.1	-	Llandudno	*	*	*	13.1	*
Lowestoft, up to 6 p.m. ...	69	55	b	14.2	-	Rhyl up to 6 p.m. ...	*	*	*	13.0	*
Hastings	*	*	*	14.7	*	Southport, 9 p.m. ...	72	55	b	12.4	-
Eastbourne up to 6 p.m. ...	*	*	*	13.7	*	Manchester, 9 p.m. ...	85	51	b	10.3	-
Brighton	*	*	*	10.0	*	Darwen, 9 p.m. ...	77	46	cmw	9.2	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 24 June -102	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 23 June -102	TEMPERATURE, F. at 1 p.m.		WEATHER. 1 p.m.	RAIN. (measured at 7 a.m.)
	Max.	Min.				°	°		
Marseilles	79	59	o b	Ins.	Geneva	70	o	o	Ins.
Utrecht	72	57	o b	-	Berne	70	o	o	-
Copenhagen	64	50	b o	-	Lucerne	72	bc	bc	-
Prague	70	59	c r	0.04	Lausanne	?	?	?	-
Vienna	68	57	o o	0.47	Lugano	79	b	b	-
Buda-Pesth	72	57	r c	0.20	Locarno	?	?	?	-
St. Petersburg	61	50	o o	0.39					
Rome	83	58	b b	-					
Malta	75	73	?	-					
Madeira (Funchal)	72	61	o bc	-					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

25 June 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3.32	11.55	8.18
Greenwich	3.45	12.2	8.19
Wick	3.8	12.14	9.20
Valencia	4.23	12.43	9.3

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

THURSDAY 26TH JUNE

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.	YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS				
	Barom.	Temp.	Wind.				Barometer.	Temperature.	Wind.								Temp.				
	At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	Weather.		At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Weather.	Sea (0 to 9.)		Max.	Min.	Sun- shine. Hours	Rainfall. Ins.	
	Ins.						Ins.	Ins.	°	°											
SCANDINAVIA.	Haparanda ...	30.28	51	NE	2	b	30.28	-01	52	50	-3	S	4	b	*	b	57	45	*	-	
	Hernösand ...	30.25	51	Z	0	b	30.28	+07	55	49	-2	Z	0	b	*	b	64	39	*	-	
	Stockholm ...	30.22	61	Z	0	b	30.29	+02	64	52	+4	Z	0	b	*	b	77	45	*	-	
	Wisby ...	30.25	54	N	4	b	30.26	+03	52	48	+5	N	6	b	*	b	64	39	*	-	
	Karlstad ...	30.24	66	WSW	2	b	30.32	+03	62	56	+2	E	2	b	*	b	*	*	*	-	
	Færder (X'ania Fjord)	30.25	61	S	2	m	30.42	+12	59	57	+1	ENE	1	m	2	m	64	57	*	-	
	Bodö ...	30.35	50	Z	0	b	30.29	-05	46	44	-1	W	2	o	1	b	50	45	*	-	
	Christiansund ...	30.36	56	Z	0	bc	30.32	-04	54	53	0	W	2	+	2	bc	56	48	*	-	
	Skudesnaes ...	30.32	58	NNW	6	b	30.35	-03	59	56	+4	NNW	4	b	1	b	61	54	*	-	
	Sumburgh Head	30.25	54	SE	2	c	30.25	+01	50	49	-1	SE	2	m	3	c	58	47	*	-	
BRITISH ISLANDS.	Stornoway ...	30.16	65	Z	0	o	30.13	-03	60	57	+3	Z	0	c	0	o	69	55	2.8	-	
	Malin Head ...	30.06	63	E	3	cm	30.07	-04	61	58	-1	E	3	bc	2	bc, cm	64	56	*	-	
	Blacksod Pt. ...	29.97	66	ESE	4	cm	29.92	-10	63	58	+3	SE	6	bm	?	cpm, cm	68	45	*	0.01	
	Valencia ...	29.87	72	E	5	b	29.89	-07	66	60	-1	ESE	4	cmq	4	bc, b	77	62	9.1	0.04	
	Roche's Point ...	29.96	64	SSE	5	bc	29.98	-08	59	58	-2	SE	5	c	4	cm, bc	66	56	*	-	
	Parsonstown ...	30.02	70	ESE	3	c	30.02	-05	66	59	+2	SE	4	c	*	c	75	60	0.7	-	
	Donaghadee ...	30.12	66	SE	2	bc	30.17	-02	55	52	0	S	3	b	3	bc	69	52	*	-	
	Liverpool Obsy.	30.14	71	E	4	bm	30.18	-04	63	59	-5	E	3	b	3	bm	76	54	*	-	
	Holyhead ...	30.09	74	Z	0	cm	30.12	-05	70	61	+2	ESE	3	bm	2	bm, cm	77	54	*	-	
	Pembroke (St. Ann's)	30.03	63	ESE	5	b	30.04	-06	62	58	0	SE	4	bc	4	b	69	57	15.0	-	
GERMANY, &c.	Scilly (St. Mary's)...	29.95	60	ESE	4	c	29.95	-10	60	57	+2	E	5	c	4	c	64	56	13.2	-	
	Jersey (St. Aubins)...	30.01	72	ENE	5	bm	30.03	-14	64	58	-2	E	5	b	4	bm	75	59	14.8	-	
	Portland Bill ...	30.08	61	E	5	b	30.09	-09	60	58	0	E	5	b	4	b	63	56	*	-	
	Dungeness ...	30.14	61	E	6	b	30.18	-05	61	59	0	E	5	b	2	b	64	55	*	-	
	Wick ...	30.18	63	S	2	bc	30.22	+03	54	51	-4	S	2	bc	2	bc	64	50	*	-	
	Nairn ...	30.15	66	Z	0	bc	30.19	+02	69	59	+5	SW	1	b	1	bc	72	51	*	?	
	Aberdeen ...	30.27	53	S	2	cm	30.29	+04	51	50	-10	SE	2	og	2	c, cm	63	48	5.2	-	
	Leith ...	30.17	65	NE	1	bc	30.26	+03	58	55	-1	ENE	1	bm	*	bc	66	49	*	-	
	North Shields ...	30.26	52	ESE	2	o	30.30	+02	51	51	-10	SE	2	om	2	b, o	64	49	*	-	
	Spurn Head ...	30.26	54	ESE	4	o	30.28	-02	60	57	+4	ESE	3	b	3	o, f	60	50	*	-	
FRANCE.	Yarmouth ...	30.23	61	ENE	3	b	30.24	-06	60	56	+2	E	4	b	3	bc, b	62	55	*	-	
	Loughborough ...	30.19	75	E	3	b	30.22	-05	63	58	-4	NE	2	bw	*	b, bc, b	78	49	*	-	
	Oxford ...	30.17	64	E	1	b	30.17	-08	66	59	-1	E	2	b	*	b	74	56	*	-	
	London (Brixton)	30.17	68	E	4	bc	30.18	-09	66	59	+1	E	3	b	*	bc, b	72	59	13.5	-	
	The Scaw (Skagen)	30.30	57	W	3	f	30.30	+01	60	58	+1	W	3	m	1	f	68	55	*	20.04	
	Fanö ...	30.38	55	NW	4	b	30.39	+07	56	55	-1	NNW	2	bc	*	b	70	50	*	-	
	Cuxhaven ...	30.32	68	E	3	b	30.39	+04	61	54	-2	E	1	b	*	b	68	54	*	-	
	The Helder ...	30.25	66	ENE	3	b	30.29	-03	67	59	+8	ESE	1	b	1	b	67	59	*	-	
	Brussels ...	*	*	*	*	*	30.21	-07	65	56	+5	ENE	3	b	*	b	74	52	*	-	
	Berlin ...	30.28	62	NNW	5	b	30.36	+12	59	52	+1	SE	2	b	*	b	72	48	*	-	
SPAN. PEN.	Frankfurt ...	30.21	62	E	4	b	30.24	-02	63	54	+4	ENE	2	b	*	b	72	52	*	-	
	Munich ...	30.23	55	SE	2	bc	30.23	00	59	53	+4	E	5	b	*	bc	64	43	*	-	
	C. Gris Nez ...	30.18	60	ENE	5	b	30.19	-07	62	56	+2	ENE	3	b	1	b	68	54	*	-	
	Brest ...	29.92	71	NNW	1	b	29.87	-18	63	55	-3	E	3	b	2	b	62	57	*	-	
	Lorient ...	29.93	79	ESE	4	bc	29.93	-11	62	60	-2	E	3	b	4	bc	62	59	*	-	
	Rochefort ...	29.93	79	ESE	4	?b	29.92	-15	66	62	-2	ESE	4	b	*	?b	68	59	*	-	
	Biarritz ...	29.80	69	ENE	3	b	29.92	-04	63	62	-6	W	4	o	2	b	68	61	*	-	
	Paris ...	30.09	70	E	3	b	30.10	-09	61	55	-7	E	2	b	*	b	77	52	*	-	
	Belfort ...	30.01	64	ENE	7	m	30.07	-04	59	51	-1	ENE	6	m	*	m	71	51	*	-	
	Lyons ...	29.92	74	N	1	b	30.04	-01	62	54	+1	ESE	1	b	*	b	77	55	*	-	
SPAN. PEN.	Nice ...	29.94	66	E	1	o	30.12	+22	60	58	-5	ENE	2	o	2	o	77	54	*	0.47	
	Perpignan ...	29.85	79	E	1	b	29.99	+05	68	65	-7	E	2	bc	*	b	68	63	*	-	
SPAN. PEN.	Corunna ...																		*	-	
	Lisbon ...																		*	-	
	Azores (P. Delgada)																		*	-	

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page

WEATHER CHARTS

FOR *Thursday, 26th June, 1902*

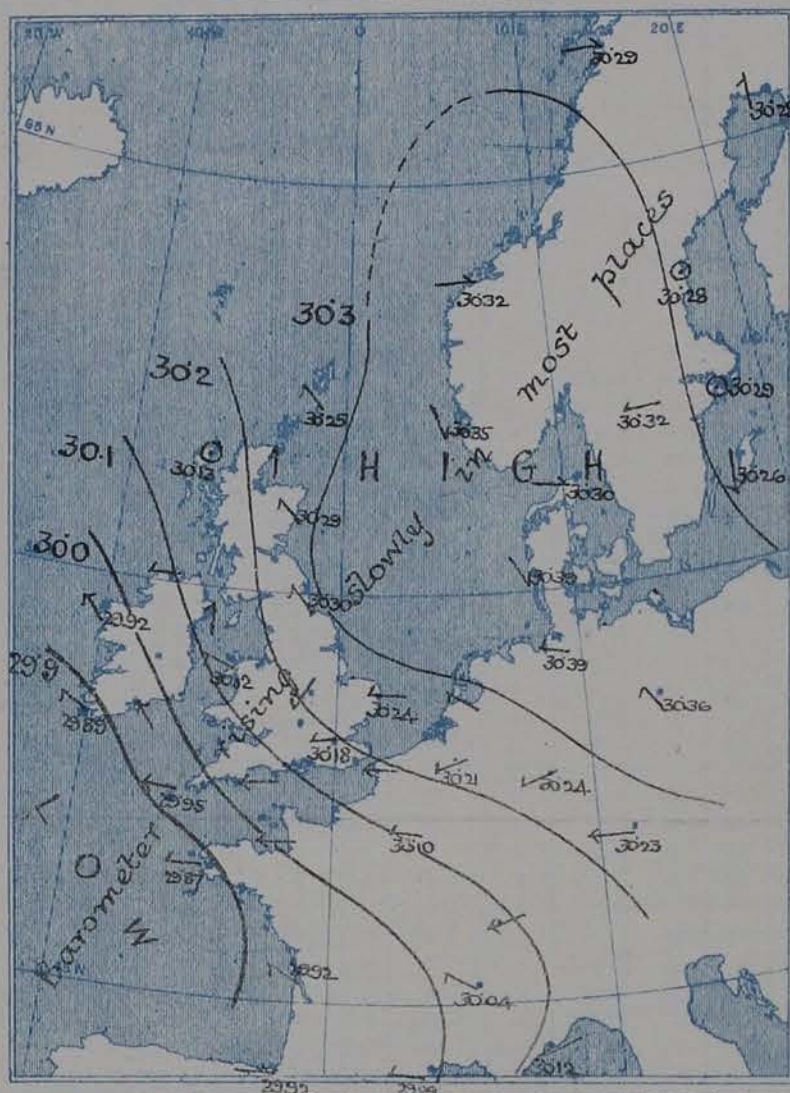
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : Calm ⊙
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High



II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III. BAROMETER AND WIND

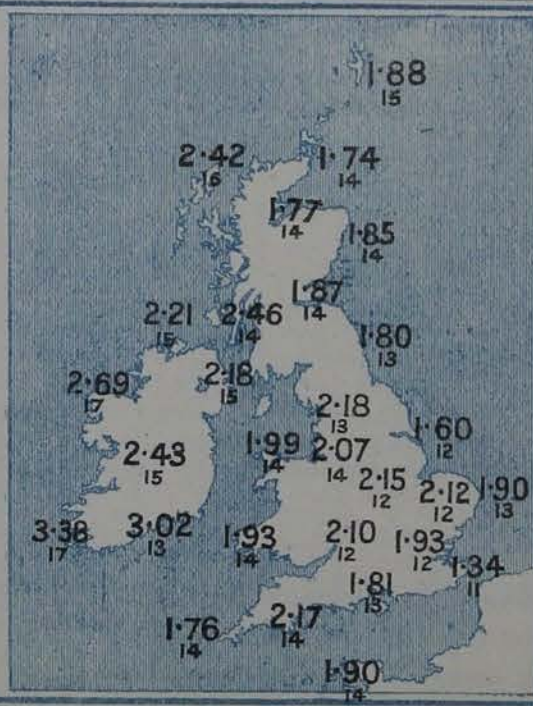
Yesterday morning.



IV. Average RAINFALL and NUMBER OF RAIN DAYS in month of JUNE (1871-1900)

Specimen { RAINFALL 1.80
(for Shields) RAIN DAYS 13

Malin Head & Blacksod: Belmullet Values are for only 15 1/2



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

JUNE-JULY (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

A large anticyclone lies over the eastern parts of Great Britain and the northern and central parts of the Continent, the highest readings, 30.3 in. and upwards, being reported over Scandinavia, Denmark, North Germany and the North Sea. A cyclonic area, with readings below 29.9 in. is reported off our own extreme south-west coasts, but the barometer is at present rising in nearly all parts of our area.

WIND

TEMPERATURE

WEATHER

AND

SEA

E^{ly} or S.E^{ly} winds prevail over Western Europe generally, and blow freshly in the English Channel and on some parts of the Irish coasts; in Norway and Denmark, however, light breezes from between N. and W. are reported. Temperature has fallen decidedly on the north-east coasts of Great Britain, and slightly in many other parts of our islands and France. In the former districts the readings are low, 51° to 54°, but over Western Europe as a whole the thermometer is above the average, the readings being above 65° in several parts of the United Kingdom, France and the Netherlands. At Naion the thermometer stands at 69° and at Holyhead at 70°, the readings at these stations being the highest at present reported over our area. The weather is fine generally, but is dull at some of the southern French stations and also in the west of Norway, with rain at Christianund. The sea is moderate on our western and southern coasts, but slight or smooth elsewhere.

During yesterday the thermometer rose to between 70° and 75° in many parts of the United Kingdom, to 77° at Valencia and Holyhead and to 78° at Loughborough; in the west and south of France it exceeded 80°, and at Rochefort, Biarritz and Pau it exceeded 88°. The amount of bright sunshine was generally very large—more than 13 hrs. in many places and as much as 15.2 hrs. at Llandudno. Slight rain fell in the west of Ireland, but over Western Europe generally the weather was fair and dry.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone is apparently spreading westwards, and fine dry weather is likely to continue for a time over nearly the whole of our area. The cyclonic system in the south-west is likely to pass away over the Atlantic.

FORECASTS *

For the 24 hours ending at NOON on 27th June, 1902

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

S.E^{ly} and S^{ly} winds, light; fair generally.

E^{ly} and S.E^{ly} winds, moderate; fair generally.

E^{ly} winds, moderate or fresh; fine generally.

DISTRICTS.

FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

Same as Nos. 2 and 3.

E^{ly} and S.E^{ly} winds fresh; fair generally.

WARNINGS

None issued.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	b	*	b	63	58	14.3	-
Newton Reigny (Penrith)	30.12	73	ESE 3	b	30.22	.00	62	59	-4	ESE 1	b	*	b	79	50	13.0	-
Bath	30.11	75	NW 3	b	30.13	-.07	65	59	-3	E 2	b	*	b	76	53	14.0	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	72	52	d, c, b	9.9	-	Worthing	*	*	*	14.5	*
Birmingham, 9 p.m. ...	74	59	b	13.5	-	Llandudno	*	*	*	15.2	*
Lowestoft, up to 6 p.m. ...	60	53	b	13.1	-	Rhyl up to 6 p.m. ...	*	*	*	13.5	*
Hastings	*	*	*	14.8	*	Southport, 9 p.m. ...	79	56	b	14.5	-
Eastbourne up to 6 p.m. ...	*	*	*	13.9	*	Manchester, 9 p.m. ...	82	60	b	13.8	-
Brighton	*	*	*	14.6	*	Darwen, 9 p.m. ...	75	55	c, v, o	14.0	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 25 June -/02	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 24. VI. 02	TEMPERATURE, F. at 1 p.m.		WEATHER. 1 p.m.	RAIN. (measured at 7 a.m.)
	Max.	Min.				°	°		
Marseilles	75	57	b, c	6	Geneva	72		b	Ins.
Utrecht	73	52	b	0	Berne	75		b, c	-
Copenhagen	63	54	a	6	Lucerne	75		b	-
Prague	70	50	c	c	Lausanne	?		?	-
Vienna	68	50	r	0	Lugano	84		b	-
Buda-Pesth ... <i>Not rec'd</i>					Locarno	?		?	-
St. Petersburg	59	43	c	c					
Rome	83	58	c	6					
Malta	81	55	?	c					
Madeira (Funchal) <i>Not rec'd</i>									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

26 June, 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	h. m. 3. 33	h. m. 11. 55	h. m. 8. 18
Greenwich	3. 45	12. 2	8. 19
Wick	3. 8	12. 14	9. 20
Valencia	4. 23	12. 43	9. 3.

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DAILY WEATHER REPORT

for 8 a.m. on

Friday, 27th June,

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.	YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.			
	BAROM.	TEMP.	WIND.				BAROMETER.	TEMPERATURE.	WIND.								TEMP.			
	At 32° M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	Weather.		At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Max.	Min.	Sun- shine. Hours	Rainfall. Ins.
	Ins.						Ins.	Ins.	°	°										
SCANDINAVIA.	Haparanda ...																			
	Hernösand ...																			
	Stockholm ...																			
	Wisby ...																			
	Karlstad ...																			
	Færder (K'ania Fjord) ...	30.26	65	SW	2	c	30.33	-0.09	61	60	+2	WSW	1	f	1	c	65	59	*	-
	Bodö ...	30.28	45	SW	1	f	30.18	-0.11	49	47	+3	SE	2	r	1	f	49	45	*	0.20
	Christiansund ...	30.33	57	W	2	c	30.28	-0.04	62	54	+8	W	6	3	3	c	63	50	*	-
BRITISH ISLANDS.	Skudesnaes ...	30.36	57	NNW	4	bc	30.40	+0.05	57	55	-2	Z	0	3	1	m, bc	61	50	*	*
	Sumburgh Head ...	30.24	53	S	2	bc	30.23	-0.02	51	50	+1	S	1	b	4	m, bc	55	46	*	-
	Stornoway ...	30.01	75	SSW	3	b	30.07	-0.06	63	58	+3	SW	4	3	4	c, b	76	50	14.9	-
	Malin Head ...	30.05	72	SE	5	b	30.18	+0.11	63	59	+2	E	1	bc	1	b, m, b	71	57	*	-
	Blacksod Pt. ...	30.01	64	W	3	bc, m	30.18	+0.26	55	54	-8	NNE	1	fw	2	cm, bc, m	71	51	*	-
	Valencia ...	30.01	64	SSE	3	cm	30.10	+0.21	65	59	-1	NNE	1	bc, m	3	c, cm	71	52	4.6	0.05
	Roche's Point ...	30.03	64	SE	3	bc, m	30.11	+0.13	64	63	+5	E	4	3	3	b, bc, m	64	53	*	-
	Parsonstown ...	30.04	73	E	3	b	30.18	+0.16	66	61	0	ENE	1	b	*	b	76	50	12.7	-
GERMANY, &c.	Donaghadee ...	30.12	64	S	2	b	30.24	+0.07	58	54	+3	E	2	3	2	b	69	50	*	-
	Liverpool Obsy. ...	30.11	72	ESE	4	b	30.23	+0.05	65	58	+2	ESE	3	3	9	b	76	54	*	-
	Holyhead ...	30.08	70	NE	1	b	30.18	+0.06	72	65	+2	Z	0	3	0	b, m, b	76	55	*	-
	Pembroke (St. Ann's) ...	30.00	71	ESE	5	b	30.12	+0.08	66	62	+4	ENE	5	bc, m	4	b	72	57	11.7	-
	Scilly (St. Mary's) ...	29.96	60	E	5	bc	30.03	+0.08	59	57	-1	E	5	bc	3	bc	961	56	12.1	-
	Jersey (St. Aubins) ...	29.96	72	NE	5	b	30.09	+0.06	73	64	+9	NE	2	3	2	b, m, b	75	63	15.0	-
	Portland Bill ...	30.05	62	E	5	b	30.15	+0.06	63	61	+3	ENE	4	3	3	b	65	59	*	-
	Dungeness ...	30.09	63	E	5	b	30.22	+0.04	63	61	+2	E	2	3	1	b	66	56	*	-
FRANCE.	Wick ...	30.17	60	S	2	b	30.21	-0.01	60	56	+6	S	2	3	1	b	63	45	*	-
	Nairn ...	30.13	79	W	1	b	30.21	+0.02	68	61	-1	Z	0	3	0	b	80	48	*	-
	Aberdeen ...	30.29	50	SSE	2	of	30.29	0	56	53	+5	SSE	1	3	2	vg, of	57	45	0.2	-
	Leith ...	30.20	62	NNE	2	b	30.31	+0.05	58	49	-8	E	1	0	*	bf	62	47	*	-
	North Shields ...	30.26	52	ESE	2	of	30.35	+0.05	54	54	+3	Z	0	cf	2	of	55	46	*	-
	Spurn Head ...	30.23	59	E	4	b	30.27	-0.01	61	57	+1	E	3	3	3	b	62	54	*	-
	Yarmouth ...	30.19	63	ENE	3	b	30.26	+0.02	61	57	+1	ESE	3	3	3	b	64	56	*	-
	Loughborough ...	30.15	75	ENE	3	b	30.26	+0.04	62	57	-1	ENE	3	3	*	vg, bc, b	78	47	*	-
SPAN. PEN.	Oxford ...	30.14	64	ENE	2	b	30.22	+0.05	66	61	0	NE	1	3	*	b	75	50	*	-
	London (Brixton) ...	30.22	67	E	2	b	30.22	+0.04	67	61	+1	E	2	3	*	b	75	55	14.0	-
	The Scaw (Skagen) ...	30.28	59	W	3	m	30.35	+0.05	62	60	+2	WSW	1	m	0	m	66	57	*	-
	Fanö ...	30.36	56	WNW	2	bc	30.42	+0.03	65	59	+9	W	2	3	*	bc	70	54	*	-
	Cuxhaven ...	30.35	68	NNE	3	bc	30.41	+0.02	67	59	+6	NE	1	3	*	bc	70	61	*	-
	The Helder ...	30.24	73	ESE	2	b	30.34	+0.05	70	62	+3	ESE	2	3	1	b	79	61	*	-
	Brussels ...	*	*	*	*	*	30.28	+0.07	67	56	+2	ESE	3	3	*	b	77	55	*	-
	Berlin ...	30.31	72	N	2	b	30.34	-0.02	68	60	+9	NNW	2	3	*	b	79	57	*	-
FRANCE.	Frankfurt ...	30.23	66	E	4	b	30.34	+0.10	65	55	+2	E	2	3	*	b	79	54	*	-
	Munich ...	30.25	57	NE	4	b	30.33	+0.10	59	52	0	E	6	3	*	b	68	45	*	-
	C. Gris Nez ...	30.12	65	NE	1	b	30.21	+0.02	63	58	+1	SE	3	3	2	b	70	57	*	-
	Brest ...	29.91	73	NNE	1	b	30.05	+0.12	61	60	-2	E	2	0	2	b	84	61	*	-
	Lorient ...	29.90	69	SSE	3	b	30.04	+0.11	61	61	-1	S	1	m	2	b	84	59	*	-
	Rochefort ...	29.91	69	SSW	4	b	29.99	+0.07	67	63	+1	E	3	3	*	b	81	59	*	-
	Biarritz ...	29.98	64	W	3	b	29.96	+0.04	66	65	+3	W	2	c	2	bc, m	72	61	*	0.04
	Paris ...	30.04	76	E	3	b	30.16	+0.06	67	58	+6	E	2	3	*	b	79	56	*	-
SPAN. PEN.	Belfort ...	29.97	79	ENE	6	m	30.17	+0.10	60	51	+1	NE	5	f	*	m	74	50	*	-
	Lyons ...	29.99	77	SE	1	b	30.14	+0.10	67	58	+6	ENE	1	b	*	b, bc	84	58	*	-
	Nice ...	30.05	67	E	4	bc	30.15	+0.03	67	60	+7	E	3	3	1	bc	77	59	*	-
	Perpignan ...	30.00	72	SE	3	b	30.11	+0.12	70	66	+2	SE	3	0	*	b	75	57	*	-
SPAN. PEN.	Corunna ...																			
	Lisbon ...																			
	Azores (P. Delgada) ...																			

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR FRIDAY, 27th JUNE, 1902

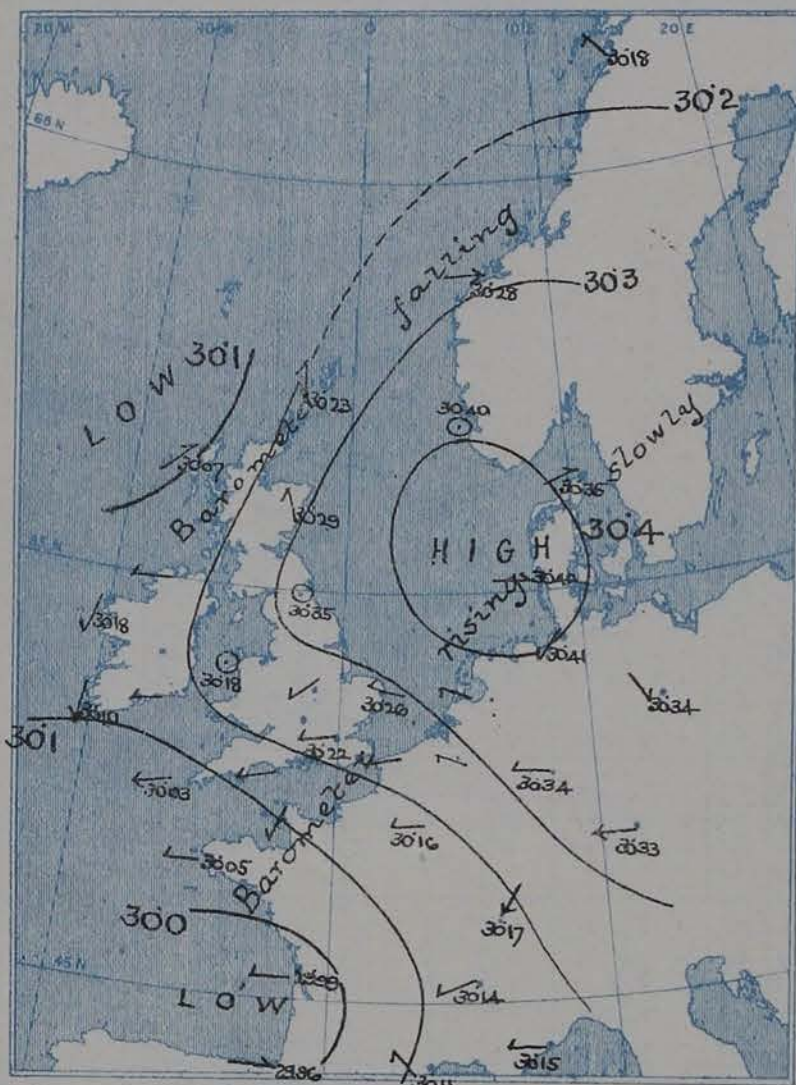
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ⊙
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High

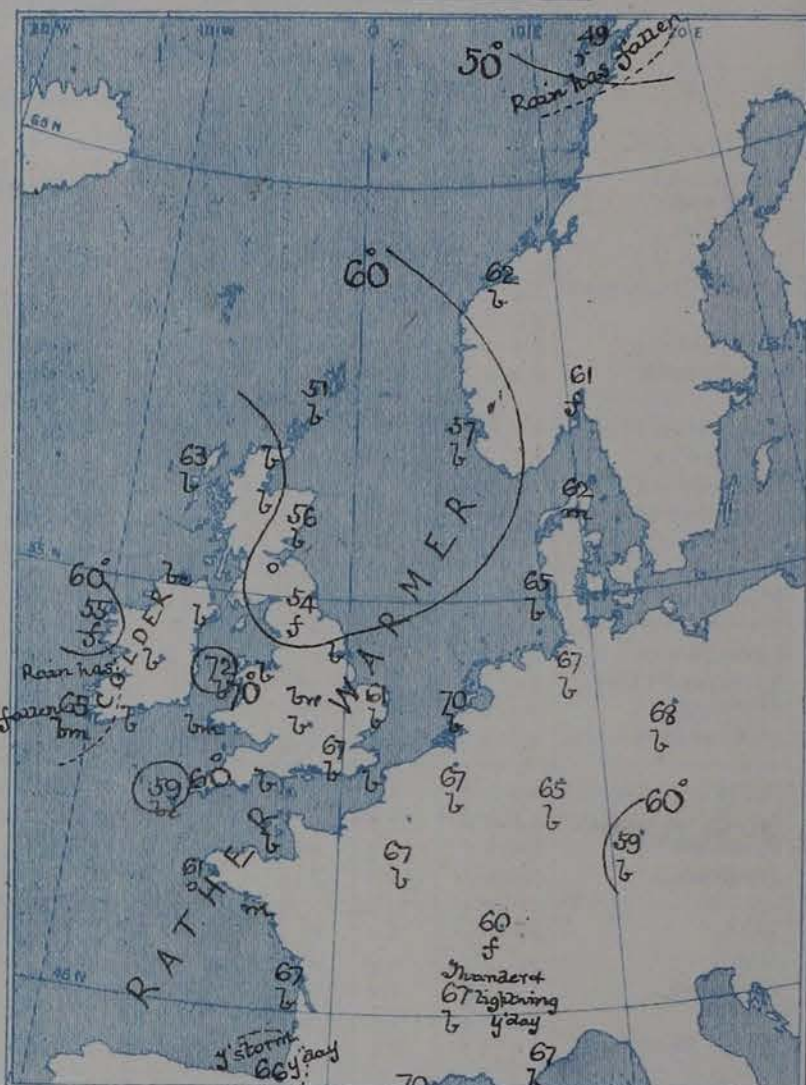


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.8



III. BAROMETER AND WIND

Yesterday morning.



IV. Average RAINFALL and NUMBER OF RAIN DAYS in month of JUNE (1871-1900)

Specimen { RAINFALL 1.80
(for Shields) { RAIN DAYS 13

Malin Head & Blacksod Bay Mulllet Values are for only 15 yrs



V. Means of DAILY TEMPERATURE

at 8 A.M. for the two monthly period

JUNE-JULY (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

This morning the reading of the barometer varies from 30.42 in: at Faro to 29.96 in: at Biarritz and to 30.07 in: at Stornoway. There has been a rise during the day except in the north of Norway and the extreme north of Scotland, where the mercury has begun to go down rather decidedly.

WIND

TEMPERATURE

WEATHER

AND

SEA

The winds reported are Easterly, light to moderate over France, England and Ireland; Southwesterly and Southerly light, in the extreme north of Scotland; Westerly over the southern half of Norway, and strong at Christiansund. At Berlin a light breeze from N.W. has set in. Temperature has risen locally in some parts of Scotland and France, and more generally over Denmark and North Germany. In our Islands it is rather irregularly distributed and ranges from 68° at Ayr, 67° in London, 67° at Bath to 54° at Shields, 53° at Blackpool Pt., 56° at Aberdeen. Rain has set in at Bodo, fog at Fastnet, Shields and Blackpool Pt. and haze at some of our northwestern stations; elsewhere the weather is very fine and bright. The sea is moderate in the far north, light or smooth elsewhere.

During yesterday the amount of bright sunshine recorded was very large (12 to 14 hours) in most parts of England, at Valencia the amount was only 4.6 hrs: and at Aberdeen 0.2 hr: The highest of the maximum temperatures was 78° at Loughborough; there was a little rain at Bodo and Valencia.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression noticed over the west of France last evening is apparently deepening; a new system has appeared off our northwestern coasts, and there seems to be a little disturbance over Germany.

FORECASTS *

For the 24 hours ending at NOON on JUNE 28TH 1902

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	{ S.W. ²⁴ and S. ²⁴ breezes light to moderate a few showers otherwise fair.
1	{ SCOTLAND EAST	{ S.E. ²⁴ winds light, fine, warm.
2	{ ENGLAND N.E.	
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	{ E. ²⁴ winds light to moderate; fine and warm today; less certain tomorrow.
5	{ ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	Same as No: 0.
7	{ ENGLAND N.W.	Same as Nos: 1 and 2.
8	{ ENGLAND S.W.	E. ²⁴ winds, moderate; fine.
9	{ IRELAND NORTH	{ S. ²⁴ and S.E. ²⁴ winds, light to moderate; warm, close.
10	{ IRELAND SOUTH	E. ²⁴ and N.E. ²⁴ winds, light, fine.

WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.									PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.	
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.			
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	2	*	2	66	59	15.3	-	
Newton Reigny (Penrith)	30.16	70	ESE 3	2	30.24	+ 0.2	63	56	+ 1	SE 1	2	*	2	75	47	15.5	-	
Bath	30.05	72	W 3	2	30.18	+ 0.5	66	60	+ 1	W 1	2	*	2	77	58	14.8	-	

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	71	49	d, c, 2	10.6	-	Worthing	*	*	*	14.8	*
Birmingham, 9 p.m. ...	*	*	*	*	*	Llandudno	*	*	*	15.3	*
Lowestoft, up to 6 p.m. ...	64	55	2	15.4	-	Rhyl up to 6 p.m. ...	*	*	*	13.5	*
Hastings	*	*	*	14.0	*	Southport, 9 p.m. ...	78	51	2	14.8	-
Eastbourne up to 6 p.m. ...	*	*	*	13.9	*	Manchester, 9 p.m. ...	*	*	*	*	*
Brighton	*	*	*	14.8	*	Darwen, 9 p.m. ...	73	51	2 v	14.3	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN. (measured at 7 a.m.)
	Max.	Min.				at 1 p.m. °	at 1 p.m. °		
26. VI. 02					25 VI. 02				
Marseilles	79	61	6 0	Ins.	Geneva	66	6	Ins.	
Utrecht	77	59	6 6	-	Berne	70	6	-	
Copenhagen	68	55	6 6	-	Lucerne	73	6	-	
Prague	64	50	0 6	-	Lausanne	?	?	-	
Vienna	59	55	0 0	0.16	Lugano	81	6 c	-	
Buda-Pesth ... <i>Not Recd.</i>					Locarno	?	?	-	
St. Petersburg	55	43	6 0	-					
Rome	81	58	6 c 6	-					
Malta	81	72	? c	-					
Madeira (Funchal) <i>Not Recd.</i>									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

27. VI. 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3.33	11.56	8.18
Greenwich	3.44	12.3	8.19
Wick	3.9	12.15	9.20
Valencia	4.24	12.44	9.3

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 9 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 28th June, 1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																														
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea.	Weather.	Temp.		Sun- shine.	Rainfall.																																																																																																																																																																																																																																																																																																																												
At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR SATURDAY, 28TH JUNE 1902

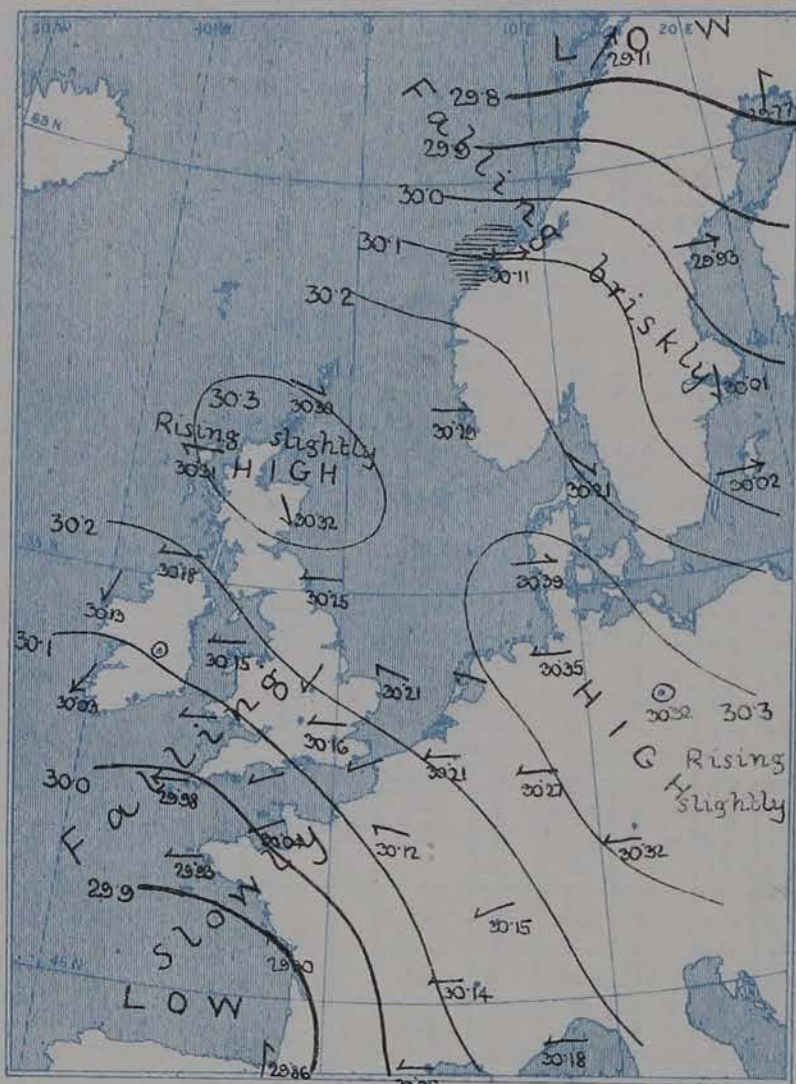
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High :

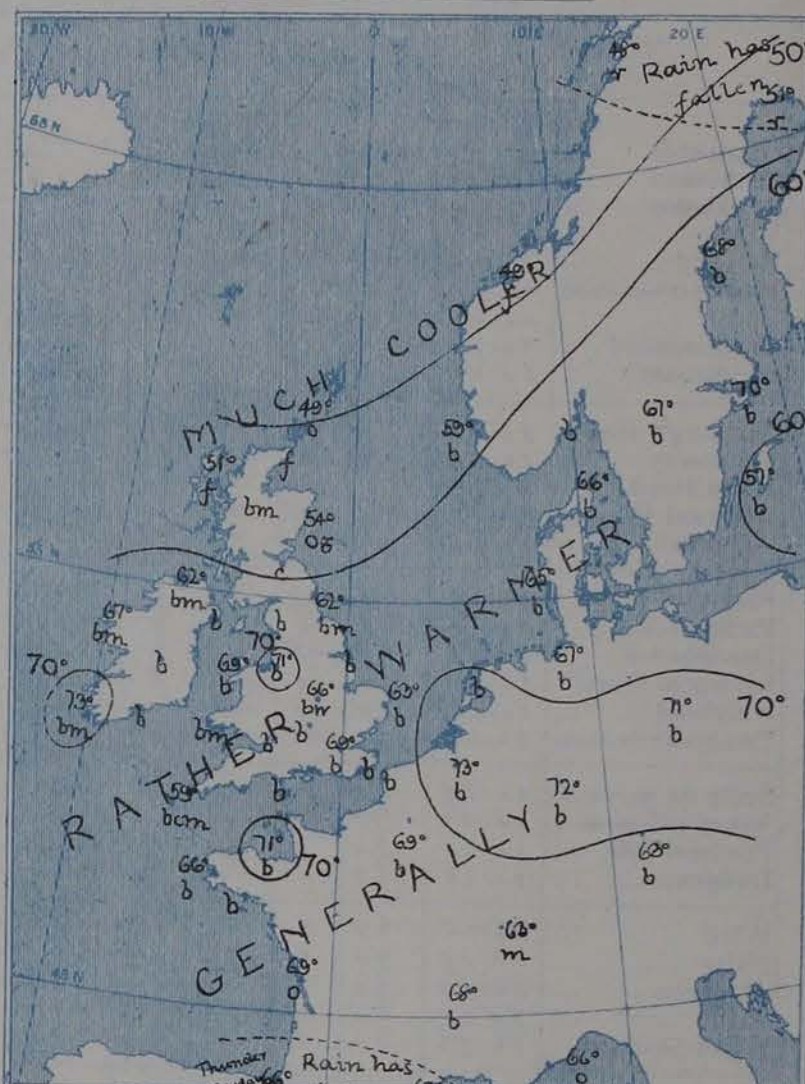


II TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III BAROMETER AND WIND

Yesterday morning.



IV Average RAINFALL and NUMBER OF RAIN DAYS in month of JUNE (1871-1900)

Specimen { RAINFALL 1.80
(for Shields) { RAIN DAYS 13

Malin Head & Blacksod: Belmullet Values are for only 15%



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

JUNE-JULY (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometrie pressure now ranges from 30.33 ins: at Wick and 30.32 ins: over Central Germany to 29.77 ins: at Haparanda, on the one hand, and 29.86 ins: at Biarritz on the other. It has given way considerably since yesterday over the north of Scandinavia and slightly over France, the Bay of Biscay and south of our Islands; in Scotland it has risen.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind remains Easterly over our Islands and France but has decreased in force; it is Southeasterly and Southerly over the Bay of Biscay. Over Scandinavia it is Southwesterly and Westerly — strong in places, and blowing a gale at Christiansund. Temperature has fallen in Scotland, risen in most other places; it ranges from 73° at Valencia, 71° at Liverpool and 69° in London to 54° at Aberdeen and 51° at Stormoway. The Scotch values are rather below the average, those over England and Ireland are high. The weather is foggy in the north of Scotland, hazy in Lapland, fine generally elsewhere. The sea is very little disturbed. During yesterday the maximum temperature recorded was 81° at Jersey and in London, 83° at Loughborough. The amount of Bright Sunshine recorded was large everywhere — 15 hours at Jersey and Aberdeen. Rain fell locally in some parts of Scandinavia and the south of France, but there was none over our Islands.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is no indication of any important change of weather in our Islands.

FORECASTS *

For the 24 hours ending at NOON on JUNE 29TH 1902

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

Varying Easterly to Northerly winds; foggy to fair.

Easterly winds, moderate, fine.

DISTRICTS.

FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

Same as Nos: 0 and 1.

Easterly or Southeasterly winds, moderate; fine.

WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	z	*	z	68	60	15.0	-
Newton Reigny (Penrith)	30.20	76	Z 0	z	30.21	- .03	66	60	+ 3	Z 0	z	*	zm	80	50	15.5	-
Bath	30.12	79	E 2	z	30.12	- .06	67	60	+ 1	NE 1	z	*	z	80	62	14.8	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Rainfall.		STATIONS.	TEMPERATURE.		Weather.	Sunshine. Rainfall.	
	Max.	Min.		Hrs.	Ins.		Max.	Min.		Hrs.	Ins.
Harrogate, up to 6 p.m. ...	77	44	z	13.6	-	Worthing	*	*	*	14.7	*
Birmingham, 9 p.m. ...	78	52	z	14.2	-	Llandudno	*	*	*	15.2	*
Lowestoft, up to 6 p.m. ...	66	57	z	15.3	-	Rhyl up to 6 p.m. ...	*	*	*	13.5	*
Hastings	*	*	*	15.4	*	Southport, 9 p.m. ...	82	49	z	15.0	-
Eastbourne up to 6 p.m. ...	*	*	*	14.0	*	Manchester, 9 p.m. ...	86	53	z	14.0	-
Brighton	*	*	*	13.2	*	Darwen, 9 p.m. ...	78	45	c r w	13.5	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN. (measured at 7 a.m.)
	Max.	Min.				at 1 p.m.	°		
27. VI. 02				Ins.	26. VI. 01			1 p.m.	Ins.
Marseilles	84	57	6 6	-	Geneva	68		6	-
Utrecht	77	54	6 6	-	Berne	72		6	-
Copenhagen	73	57	c 6	-	Lucerne	72		6	-
Prague	70	50	6 6	-	Lausanne	?		?	-
Vienna	66	54	6c 6	-	Lugano	77		6	0.04
Buda-Pesth	70	59	o 6	?	Locarno	?		?	0.47
St. Petersburg	55	46	o 6	-					
Rome	81	62	o 6c	0.43					
Malta	77	70	? 0	-					
Madeira (Funchal)	72	57	6 0	-					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

28. June, 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	h. m. 3.34	h. m. 11.56	h. m. 8.18
Greenwich	3.47	12.3	8.19
Wick	3.9	12.15	9.20
Valencia	4.25	12.44	9.3

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

„ Weekly „ „ „ „ £1 10 0 „ Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Sunday 29th JUNE 1902

Issued by the Meteorological Office, 63, Victoria Street, London W. N. SHAW, Secretary.

STATIONS.	YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.			
	BAROM.	TEMP.	WIND.				BAROMETER.	TEMPERATURE.	WIND.								TIME			
	At 82° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	Weather.		At 82° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Max.	Min.	Sun- shine. Hours	Rainfall. Ins.
	Ins.						Ins.	Ins.	°	°										
SCANDINAVIA.	Haparanda ...	29.52	52	S	2	o	29.65	- .12	54	49	+ 3	N	8	c	*	o	54	48	*	0.08
	Hernösand ...	29.83	58	NW	6	bc	29.88	- .05	57	50	- 11	NW	8	b	*	bc	73	55	*	-
	Stockholm ...	29.77	72	NW	2	b	29.93	- .08	59	52	- 11	NNW	6	o	*	b	79	54	*	0.04
	Wisby ...	29.86	60	W	4	b	29.93	- .09	53	49	- 4	N	4	o	*	b	79	54	*	-
	Karlstad ...	29.88	75	NW	4	b	30.05	- .01	61	53	- 6	ENE	4	b	*	b	75	48	*	-
	Færder (X'ianta Fjord) ...	29.98	72	NW	4	b	30.08	- .07	63	54	- 5	N	4	b	2	b	73	61	*	-
	Bodö ...	29.83	49	NW	4	c	29.99	+ .28	44	40	- 4	W	4	c	2	c	48	43	*	0.91
	Christiansund ...	30.16	47	W	8	r	30.33	+ .22	48	46	- 1	W	2	o	4	r	52	45	*	0.16
BRITISH ISLANDS.	Skudesnaes ...	30.26	55	NNW	6	bc	30.22	- .07	56	51	- 3	NNW	6	b	2	o, bc	59	52	*	*
	Sumburgh Head ...	30.31	52	WNW	2	b	30.27	- .03	47	46	- 2	ENE	1	o	3	bc	54	46	*	-
	Stornoway ...	30.25	53	E	5	o	30.44	- .17	57	54	+ 6	ESE	1	b	1	o	59	48	3.8	-
	Malin Head ...	30.11	64	E	1	bm	30.05	- .13	57	55	- 5	E	5	bm	3	bm	67	51	*	-
	Blacksod Pt. ...	30.03	71	ENE	3	bm	29.98	- .15	68	63	+ 1	ENE	1	bm	0	bm, bm	74	56	*	-
	Valencia ...	29.96	77	E	3	bm	29.88	- .15	68	62	- 5	L	0	bm	3	bm	81	58	14.2	-
	Roche's Point ...	29.98	72	ENE	2	b	29.88	- .18	69	67	+ 1	ENE	4	b	3	b	74	59	*	-
	Parsonstown ...	30.01	79	NE	2	b	29.96	- .16	65	61	0	NE	3	b	*	b	80	55	13.4	-
GERMANY, &c.	Donaghadee ...	30.10	67	N	2	b	30.09	- .12	54	52	- 7	N	3	bc	3	b	71	51	*	-
	Liverpool Obsy. ...	30.05	79	SE	3	b	29.98	- .20	69	62	- 2	ESE	4	b	3	b	81	63	*	-
	Holyhead ...	30.04	73	E	2	b	29.97	- .18	68	63	- 1	E	3	b	2	c, b	76	59	*	-
	Pembroke (St. Ann's) ...	29.96	74	E	4	b	29.88	- .19	66	63	+ 1	E	5	bm	2	b	76	60	14.1	-
	Scilly (St. Mary's) ...	29.92	64	ESE	4	bc	29.82	- .16	60	58	+ 1	E	4	o	3	bc, bc	68	57	13.6	-
	Jersey (St. Aubins) ...	29.89	75	NE	5	cg	29.94	- .10	62	60	- 9	SE	2	c	2	bc, upg	80	59	11.7	0.03
	Portland Bill ...	29.99	66	E	4	b	29.94	- .14	59	59	- 5	E	2	c	2	b	67	58	*	-
	Dungeness ...	30.04	64	E	4	b	29.99	- .17	66	63	+ 3	S	1	bc	1	b	70	58	*	-
FRANCE.	Wick ...	30.30	48	SE	2	o	30.21	- .12	50	48	- 2	SE	2	f	2	o	56	46	*	-
	Nairn ...	30.30	53	E	3	om	30.26	- .11	52	51	- 3	L	0	om	0	om	56	48	*	0.01
	Aberdeen ...	30.30	50	NE	2	ofa	30.25	- .07	50	49	- 4	E	1	og	1	o, fa	56	48	3.0	0.01
	Leith ...	30.25	55	NE	2	o	30.20	- .09	52	52	- 7	ENE	2	o	*	o, f	59	49	*	0.03
	North Shields ...	30.20	60	NNE	2	b	30.17	- .08	54	54	- 8	NNE	2	f	2	b	63	51	*	-
	Spurn Head ...	30.14	62	ENE	4	b	30.07	- .16	63	58	- 1	ENE	2	b	2	b	65	55	*	-
	Yarmouth ...	30.09	67	E	4	b	30.02	- .19	63	60	0	E	2	b	2	b	67	57	*	-
	Loughborough ...	30.08	82	ESE	2	b	30.03	- .18	66	61	0	NE	3	bc	*	b, bc	85	55	*	-
GERMANY, &c.	Oxford ...	30.03	73	ENE	3	b	29.97	- .18	69	65	9	NE	1	b	*	b	82	57	*	-
	London (Brixton) ...	30.04	78	E	4	b	29.98	- .18	70	67	+ 4	ESE	1	b	*	b	83	60	14.5	-
	The Scaw (Skagen) ...	30.04	60	W	5	m	30.05	- .16	63	57	- 3	NNE	3	b	1	m	68	59	*	-
	Fanø ...	30.22	60	WNW	2	a	30.17	- .22	64	61	- 1	WNW	6	b	*	o	72	55	*	-
	Cuxhaven ...	30.24	73	N	2	b	30.15	- .20	69	63	+ 2	N	1	b	*	b	75	63	*	-
	The Helder ...	30.13	70	ENE	3	b	30.07	- .22	69	65	+ 3	E	2	b	*	b	77	64	*	-
	Brussels ...	*	*	*	*	*	30.02	- .19	74	64	+ 1	SW	1	b	*	bc	86	62	*	-
	Berlin ...	30.19	79	NW	2	b	30.12	- .20	73	62	+ 2	L	0	b	*	b	88	64	*	-
FRANCE.	Frankfurt ...	30.29	73	E	1	b	30.05	- .22	73	63	+ 1	NE	1	b	*	b	88	63	*	-
	Munich ...	30.19	66	E	2	b	30.14	- .18	69	62	+ 6	L	0	b	*	b	77	52	*	-
	C. Gris Nez ...	30.06	67	NE	3	b	30.04	- .15	70	64	+ 2	SSE	3	c	2	b	82	66	*	-
	Brest ...	29.91	68	E	2	r	29.86	- .07	59	59	- 7	SSE	2	c	2	r	81	59	*	0.32
	Lorient ...	29.89	63	SE	4	o	29.89	- .06	60	59	- 6	S	3	bc	2	o	77	59	*	0.04
	Rochefort ...	29.88	61	SW	1	r	29.95	+ .05	61	59	- 8	S	4	c	*	r	72	57	*	0.63
	Biarritz ...	29.87	63	E	4	c	29.99	+ .13	66	58	0	SSE	3	bc	1	c, flr	66	55	*	0.32
	Paris ...	29.99	80	ESE	2	b	30.06	- .06	66	60	- 3	SE	2	o	*	b	84	64	*	-
SPAN. PEN.	Belfort ...	29.96	77	ENE	3	m	29.99	- .16	69	62	+ 6	WSW	1	m	*	m	80	60	*	-
	Lyons ...	30.05	70	S	1	o	30.13	- .01	60	57	- 8	N	1	o	*	o	84	59	*	-
	Nice ...	30.12	71	E	7	c	30.12	- .06	70	57	+ 3	E	5	r	6	c	75	64	*	-
	Perpignan ...	29.98	67	SE	4	o	30.04	- .01	67	64	0	L	0	o	*	o	69	62	*	0.24
	Corunna ...	29.85	60	W	3	r	29.85	- .04	60	55	0	SSW	3	o	3	r	64	55	*	0.12
	Lisbon ...	30.01	68	S	4	o	29.97	- .04	62	60	+ 2	S	1	o	*	o	68	59	*	0.28
	Azores (P. Delgada) ...	30.09	63	WNW	4	b	30.02	- .10	62	59	- 2	WNW	4	c	3	b	70	61	*	-

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR Sunday 29th June, 1902

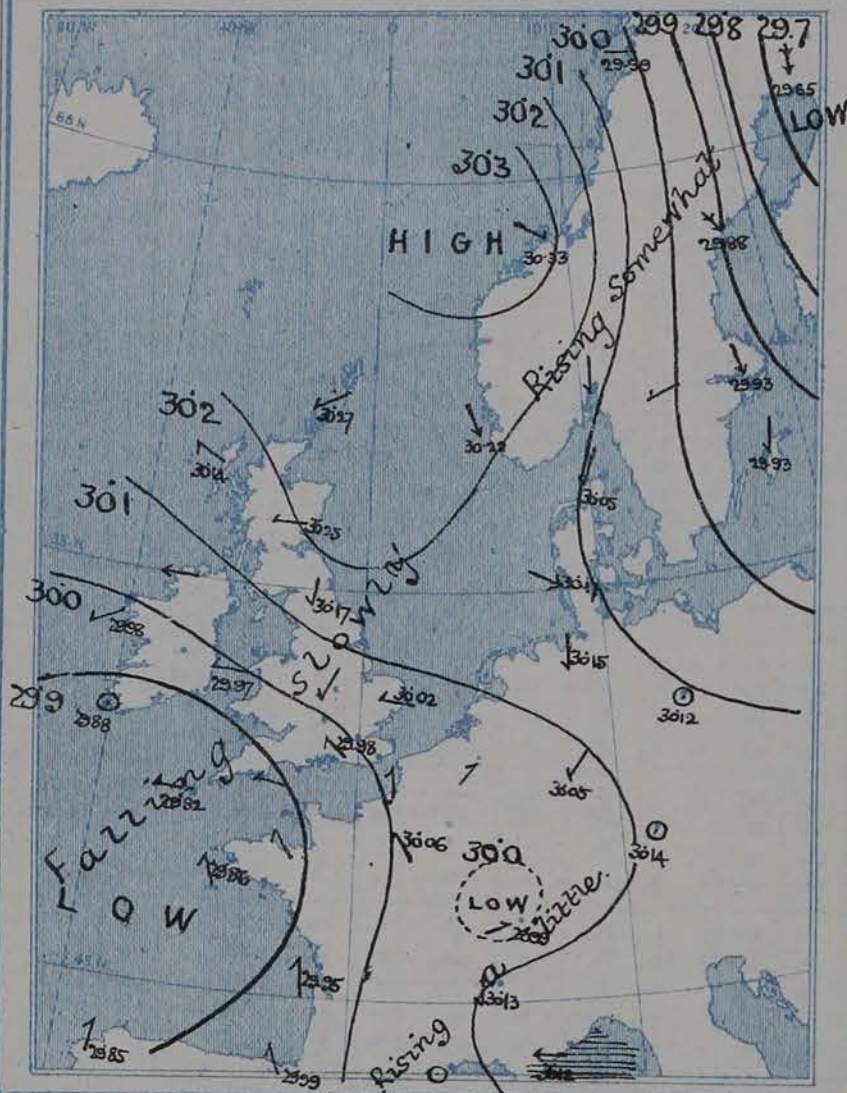
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High

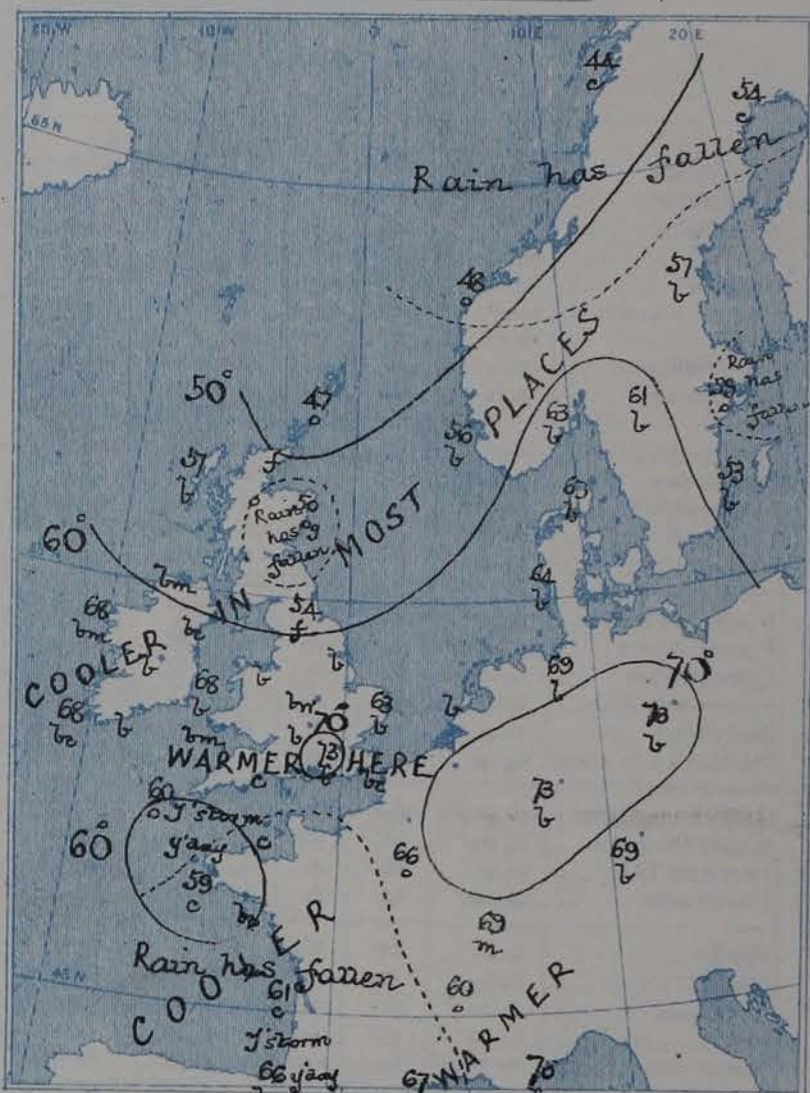


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

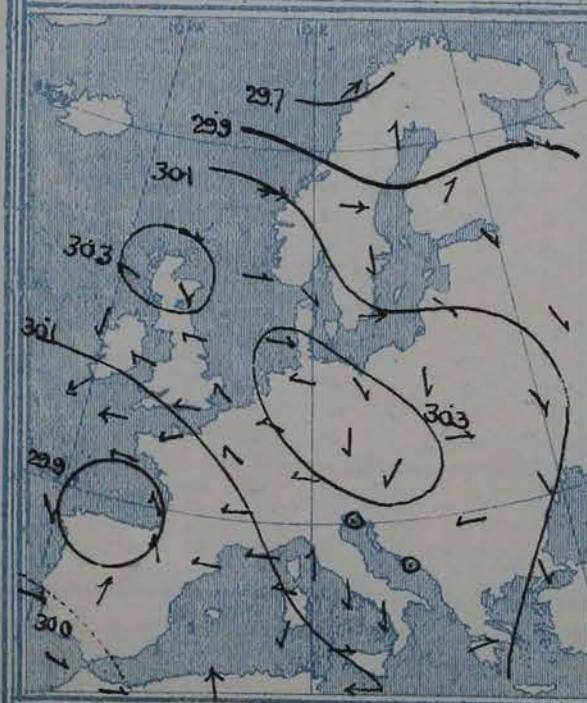
WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.8



III. BAROMETER AND WIND

Yesterday morning.



IV. Average RAINFALL and NUMBER OF RAIN DAYS in month of JUNE (1871-1900)

Specimen { RAINFALL 1.80
(for Shields) RAIN DAYS 13

Malin Head & Blackpool & Belmullet Values are for only 55°



V. Means of DAILY TEMPERATURE

at 8 A.M. for the two monthly period

JUNE-JULY (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is now highest, 30.3 ins. and upwards, in an anticyclone lying off the west of Norway, and lowest 29.7 ins. and less, in a cyclonic system over Lapland. Another cyclonic area with readings below 29.9 ins. is however, lying over the Bay of Biscay, the northwestern parts of France and Spain, and the extreme southwest of our islands, and the barometer is falling at all but the Scandinavian stations.

WIND TEMPERATURE WEATHER AND SEA

The wind is light from the South or South-eastward in France, and from the East or North-east over the United Kingdom. In the west of Norway it is Westerly, and in Sweden, Denmark, and the south of Norway, it is North-westerly or North-easterly, with a gale in the Gulf of Bothnia. Temperature has risen slightly over eastern and central England, and also in Belgium and Germany, but has fallen elsewhere. Over England and Ireland the thermometer is still high for the time of year, the morning readings being above 65° in many places; in London the reading is as high as 73°. On the north and northeast coast of great Britain however the temperature is below 55°, and at Sumburgh Head it is as low as 47°. The weather is fine over western Europe as a whole, but is dull on our north and northeast coasts, and also in the west of Norway. Cloudy weather is reported also over the central and southern parts of France and rain is falling at Nice. The sea is slight or smooth generally, but is rough at Nice.

During yesterday the thermometer rose to 80° and upwards at many of the English stations, and to 85° at Loughborough. A maximum of 81° was recorded also at Valencia, but in the north and east of Scotland the thermometer did not reach 60°. Slight rain fell in the north and east of Scotland and larger quantities in the west and south of France and also in Norway; a thunderstorm occurred at Biarritz.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

For the 24 hours ending at NOON on *June 30th.*

1902

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

— None Issued —

DISTRICTS.

FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

— None Issued —

WARNINGS

— None Issued. —

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	b	*	b	70	61	14.9	—
Newton Reigny (Penrith)	*	*	*	*	*	*	*	*	*	*	b	*	b	70	61	14.9	—
Bath	29.99	81	W 1	b	29.97	-.15	67	62	0	SE 1	0	*	b	82	58	14.5	—

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	79	49	b	15.8	—	Worthing	*	*	*	14.9	*
Birmingham, 9 p.m. ...	81	56	b	14.5	—	Llandudno	*	*	*	15.4	*
Lowestoft, up to 6 p.m. ...	*	*	*	15.5	*	Rhyl up to 6 p.m. ...	*	*	*	*	*
Hastings	*	*	*	14.6	*	Southport, 9 p.m. ...	83	54	bv	14.9	—
Eastbourne up to 6 p.m. ...	*	*	*	*	*	Manchester, 9 p.m. ...	*	*	*	*	*
Brighton	*	*	*	*	*	Darwen, 9 p.m. ...	*	*	*	*	*

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN. (measured at 7 a.m.)
	Max.	Min.				at 1 p.m.	°		
27 - VI. 02	°	°		Ins.	27 - VI. 02	°		1 p.m.	Ins.
Marseilles	68	64	c	c	Geneva	70		b	—
Utrecht	81	57	b	b	Berne	73		b	—
Copenhagen	75	59	b	b	Lucerne	73		b	—
Prague	79	63	o	b	Lausanne	?		?	—
Vienna	75	55	c	b	Lugano	75		bc	0.56
Buda-Pesth	68	54	f	b	Locarno	?		?	1.74
St. Petersburg	63	43	o	b					
Rome	79	60	b	o					
Malta	72	55	?	b					
Madeira (Funchal) ? not recd.									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

29. JULY, 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	h. m. 3. 34	h. m. 11. 56	h. m. 8. 18
Greenwich	3. 47	12. 3	8. 19
Wick	3. 10	12. 15	9. 20
Valencia	4. 25	12. 44	9. 3

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

„ Weekly „ „ „ „ £1 10 0 „ Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

Monday, 30th June, 1902

1902

Issued by the Meteorological Office, 63, Victoria Street London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine Hours	Rainfall. Ins.		
		At 32° and M.S.L.	Ins.	Dry Bulb.	Dirac.		Force (0 to 12.)	Weather.	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.			Force (0 to 12.)	Weather.			Max.	Min.
SCANDINAVIA.	Haparanda ...	29.76	47	N	4	c	29.85	+0.20	49	45	-5	N	4	bc	c	59	45					
	Hernösand ...	29.98	54	NW	3	bc	30.00	+0.12	51	43	-6	N	4	bc	bc	68	51					
	Stockholm ...	30.00	57	ESE	2	bc	30.06	+0.13	57	50	-2	NNW	2	bc	bc	72	54					
	Wisby ...	30.02	54	NE	4	bc	30.04	+0.12	54	51	+1	W	6	bc	bc	64	45					
	Karlstad ...	30.02	67	NE	2	bc	30.04	-0.01	60	53	-1	S	2	bc	bc	68	61					
	Færder (X'ania Fjord) ...	30.02	67	W	4	bc	29.99	-0.09	65	59	+2	SW	4	bc	2	bc	68	61				
	Bodö ...	30.04	48	WSW	6	c	30.00	+0.01	46	42	+2	WSW	4	o	3	o	46	41		0.08		
	Christiansund ...	30.21	49	SE	1	bc	29.91	-0.42	?	48	?	SW	2	c	2	bc	50	46				
BRITISH ISLANDS.	Skudesnaes ...	30.07	57	NNW	6	bc	30.02	-0.20	55	53	-1	NW	4	bc	1	bc	61	50				
	Sumburgh Head ...	30.15	50	SE	1	c	29.87	-0.40	50	50	+3	SSW	2	m	3	bc	51	47				
	Stornoway ...	30.02	67	Z	0	bc	30.02	-0.12	60	57	+3	Z	0	o	0	bc	71	51	14.9			
	Malin Head ...	29.99	60	E	3	bc	29.91	-0.14	69	68	+12	Z	0	bc	0	bc	69	54				
	Blacksod Pt. ...	29.89	77	ESE	1	bc	29.99	+0.01	63	59	-5	SSW	4	bc	2	bc	77	58				
	Valencia ...	29.86	70	SE	2	bc	29.92	+0.04	63	58	-5	ESE	1	c	3	bc	79	59	6.4			
	Roche's Point ...	29.91	61	ESE	1	o	29.96	+0.08	60	57	-9	SE	2	c	1	bc	69	57				
	Parsonstown ...	29.87	79	SE	2	c	30.00	+0.04	63	58	-2	E	1	c	bc	81	56	13.1				
GERMANY, &c.	Donaghadee ...	29.98	58	N	2	c	29.99	-0.10	55	54	+1	E	2	m	2	o	63	52				
	Liverpool Obsy. ...	29.97	67	SE	2	o	30.02	+0.04	62	60	-7	ESE	1	bc	2	bc	80	58		0.07		
	Holyhead ...	29.93	72	S	1	bc	30.02	+0.05	63	60	-5	SW	1	bc	1	bc	74	55		0.54		
	Pembroke (St. Ann's) ...	29.93	59	SSE	1	c	29.98	+0.10	59	58	-7	SW	4	bc	3	bc	68	55	0.08	0.07		
	Scilly (St. Mary's) ...	29.86	60	E	5	bc	29.89	+0.07	59	57	-1	E	5	c	3	bc	62	56	0.4	0.01		
	Jersey (St. Aubins) ...	29.99	65	SE	2	bc	30.00	+0.06	62	58	0	ESE	1	bc	1	bc	67	59	3.8	0.04		
	Portland Bill ...	30.00	59	ESE	2	c	30.04	+0.07	58	58	-1	E	3	c	2	bc	62	55		0.10		
	Dungeness ...	30.04	64	S	1	bc	30.04	+0.05	65	62	-1	SE	1	bc	0	bc	65	57		0.01		
FRANCE.	Wick ...	30.06	59	SE	2	bc	29.90	-0.31	66	63	+16	Z	0	m	0	bc	66	45				
	Nairn ...	30.05	62	E	1	bc	29.90	-0.30	67	63	+15	Z	0	bc	0	bc	67	45				
	Aberdeen ...	30.13	52	ESE	2	bc	29.95	-0.30	60	56	+10	S	2	bc	1	bc	61	49	0.0			
	Leith ...	30.10	54	ESE	2	o	29.98	-0.22	55	54	+3	W	1	c	bc	o	55	51				
	North Shields ...	30.12	55	NE	2	o	30.01	-0.16	60	58	+6	SSE	1	m	2	of	60	54				
	Spurn Head ...	30.04	61	NE	3	c	30.02	-0.05	58	58	+5	W	2	f	2	bc	65	55		0.07		
	Yarmouth ...	29.99	66	E	2	bc	30.03	+0.01	64	62	+1	SE	1	bc	2	bc	66	59				
	Loughborough ...	30.00	71	ESE	1	o	30.04	+0.01	62	60	-4	WSE	1	bc	bc	82	55		0.10			
SPAN. PEN.	Oxford ...	30.02	65	SSW	1	bc	30.03	+0.06	66	60	-3	SE	1	bc	bc	81	55					
	London (Brixton) ...	29.02	69	SE	1	c	30.03	+0.05	68	63	-5	SE	1	bc	bc	81	54	7.0	0.02			
	The Scaw (Skagen) ...	30.04	66	NNW	1	bc	30.02	-0.03	63	60	0	SW	1	bc	0	bc	72	57				
	Fanö ...	30.08	57	NW	2	c	30.06	-0.11	61	60	-3	SW	2	bc	bc	68	50					
	Cuxhaven ...	30.06	71	NW	3	bc	30.04	-0.11	65	62	-4	NE	2	bc	bc	72	61					
	The Helder ...	29.99	68	ESE	3	c	30.04	-0.03	69	64	0	SW	1	bc	0	bc	72	61		0.12		
	Brussels ...	30.06	72	ESE	3	bc	30.06	-0.04	72	66	-2	NNW	1	c	bc	80	58					
	Berlin ...	30.00	81	NNW	3	bc	30.04	-0.08	73	63	-0	SE	1	bc	bc	91	64					
SPAN. PEN.	Frankfurt ...	30.01	76	NW	2	bc	30.07	+0.02	70	64	+2	N	2	bc	bc	90	66					
	Munich ...	30.10	71	SW	7	bc	30.10	-0.04	71	66	+2	SW	2	bc	bc	82	63					
	C. Gris Nez ...	30.07	67	SSW	1	c	30.06	+0.02	?	64	?	Z	0	bc	0	bc	73	59		0.52		
	Brest ...	29.88	57	SSW	4	o	29.90	+0.04	59	55	0	ESE	2	bc	2	o	60	55		0.04		
	Lorient ...	29.97	62	S	3	bc	29.94	+0.05	60	60	0	E	3	bc	3	bc	66	57		0.26		
	Rochefort ...	30.00	72	NNE	1	bc	29.95	0	63	62	+2	W	4	bc	bc	75	63					
	Biarritz ...	29.97	81	SSW	1	bc	29.96	-0.03	68	66	+2	W	2	bc	2	bc	84	64				
	Paris ...	30.05	74	S	2	bc	30.04	-0.02	66	63	0	E	2	bc	bc	78	55		0.08			
SPAN. PEN.	Belfort ...	30.02	72	SW	3	o	30.03	+0.04	67	63	-2	ESE	4	bc	bc	77	59					
	Lyons ...	30.04	74	ESE	1	bc	30.07	-0.06	68	59	+8	SE	1	bc	bc	82	59					
	Nice ...	30.11	71	E	5	bc	30.09	-0.03	71	62	+1	Z	0	bc	2	bc	75	61				
	Perpignan ...	30.02	67	E	3	o	30.04	0	68	65	+1	E	2	bc	bc	73	59					
SPAN. PEN.	Corunna ...	29.99	63	WSW	3	bc	30.00	+0.03	66	59	+4	SSW	4	c	bc	77	61					
	Lisbon ...	30.13	62	NW	4	bc	30.17	+0.15	65	59	+3	NNW	4	bc	2	bc	70	61				
SPAN. PEN.	Azores (P. Delgada) ...	30.13	62	NW	4	bc	30.17	+0.15	65	59	+3	NNW	4	bc	2	bc	70	61				

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR *Monday 30th June, 1902*

I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ⊙
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High



II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



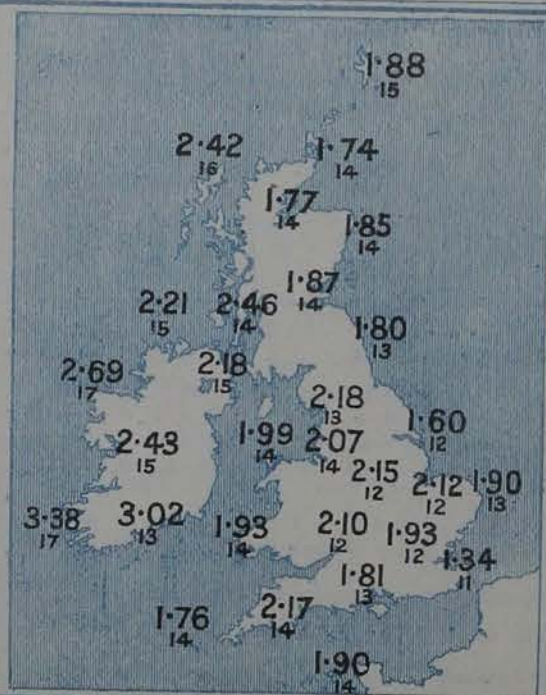
III. BAROMETER AND WIND

Yesterday morning.



IV. Average RAINFALL and NUMBER OF RAIN DAYS in month of JUNE (1871-1900)

Specimen { RAINFALL 1.80
(for Shields) { RAIN DAYS 13
Malin Head & Blackpool & Belmullet Values are for only 15 hrs.



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period
JUNE-JULY (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure over our Islands and their neighbourhood, is changing fitfully and its distribution is irregular. On the whole, however, it is highest at the central, eastern, and south-eastern stations, lowest in the north and west, the readings ranging from 30.10 ins. at Belfort to 29.92 ins. at Valencia and 29.87 ins. at Sumburgh Head.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is variable both in force and direction; it is South-easterly and easterly at our southern stations, Southerly to Westerly, and calm in the northwest and north. South-westerly in Denmark and the Skagen Rock. In Germany there is a small cyclonic circulation of very light winds. Temperature varies from 69° at Malin Head 68° in London and 67° at Nairn to 59° at Scilly 55° at Leith and 50° at Sumburgh Head. The former stations are much warmer than the average; the others very greatly and are changing fitfully. Weather is fine and bright in most places but dense fog is reported on parts of our northeast coasts, dull at Bodö and Stornoway, showery at Holyhead, sea is very little disturbed.

During yesterday the maximum temperatures were 82° at Loughborough 81° in London and at Parsonstown but there were considerable and sudden oscillations in most parts of England. There were showers in the west and south - slight in most places, heavy at Holyhead; thunderstorms occurred over England. Bright sunshine ranged from 15 hours at Stornoway and 12 to 13 hours at Llandudno and Parsonstown to none at Aberdeen.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Very changeable close weather is probable over the Kingdom as a whole - sharp passing showers in many places, thunder locally but very warm bright intervals.

FORECASTS *

For the 24 hours ending at NOON on Tuesday July 1st 1902

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

Very variable winds; changeable weather, showers and possibly some thunder.

Very variable light winds; close, changeable, some thunder and local showers.

DISTRICTS.

FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

Varying light winds; local showers, unsettled, some mist or fog.

WARNINGS

None Issued.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.									PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shining. Hrs.	Rainfall Ins.	
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °			
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	8	*	8,0	74	60	10.0	-
Newton Reigny (Penrith)	30.05	68	SE 3	bc	30.02		61	59		SE 1	0	*	c,om	77	52	14.4	-	
Bath	29.99	67	S 3	8	30.02	?	66	60	- 1	E 1	0	*	8	72	55	5.0	-	

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Rainfall.		STATIONS.	TEMPERATURE.		Weather.	Sunshine. Rainfall.	
	Max.	Min.		Hrs.	Ins.		Max.	Min.		Hrs.	Ins.
Harrogate, up to 6 p.m. ...	76	53	d, c3	11.0	—	Worthing	*	*	*	4.8	*
Birmingham, 9 p.m. ...	78	58	o	7.8	0.20	Llandudno	*	*	*	12.0	*
Lowestoft, up to 6 p.m. ...	*	*	*	4.8	*	Rhyl up to 6 p.m. ...	*	*	*	10.0	*
Hastings	*	*	*	4.1	*	Southport, 9 p.m. ...	74	59	8e	12.5	—
Eastbourne up to 6 p.m. ...	*	*	*	3.1	*	Manchester, 9 p.m. ...	84	61	c3v	10.8	—
Brighton	*	*	*	3.1	*	Darwen, 9 p.m. ...	74	57	cv	10.0	—

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 29.VI.02	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 28.VI.02	TEMPERATURE, F. at 1 p.m. °	WEATHER. 1 p.m.	RAIN. (measured at 7 a.m.)
	Max. °	Min. °						
Marseilles	<i>Observations not yet recd</i>			Ins.	Geneva	73	0	—
Utrecht... ..					Berne	79	6	—
Copenhagen... ..					Lucerne	77	6	—
Prague					Lausanne	?	?	—
Vienna					Lugano	79	6	—
Buda-Pesth					Locarno	?	?	—
St. Petersburg								
Rome								
Malta								
Madeira (Funchal)								

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	30 June 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium, Holland }	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.	Yarmouth	h. m. 3.35	h. m. 11.56	h. m. 8.17
Germany, Denmark Norway, Sweden ... }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	3.48	12. 3	8.18
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	3.10	12.15	7.19
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia	4.26	12.44	7. 2
Portugal	8 a.m. (Lisbon)	8.36 a.m.						

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„ Weekly „ „ £1 10 0 „ Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

ADDITIONS AND CORRECTIONS TO THE

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	YESTERDAY EVENING					THIS MORNING.										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9).	Weather.	TEMP.		Sun-shine.	Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12).			At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12).				Max.	Min.		
1	Newton Reigny	Ins. 29.88	48°	N	2	o		Ins. 29.95	+ .19	51	49	+ 4	NNE	3	o	*	ogt	53	45	Hours. 0.0	Ins. 0.07
"	Corunna	29.79	55	NNW	3	o		29.55	-	48	46	-	SSW	3	c	3	o	55	45	*	0.12
2	Corunna	29.63	52	SW	3	o		29.67	+ .12	55	52	+ 7	SSE	5	o	2	o	61	48	*	-
"	Lisbon	29.89	56	SSW	5	r		29.95	+ .17	59	54	+ 4	SSW	5	c	*	r	61	55	*	-
3	Corunna	29.75	61	S	6	r		29.99	+ .32	59	57	+ 4	S	3	o	3	r	64	54	*	0.20
"	Lisbon	30.10	59	SSW	4	o		30.19	+ .24	62	57	+ 3	SSW	5	o	4	o	64	59	*	-
"	P. Delgada	30.09	61	WSW	4	o		30.09	+ .03	62	59	+ 3	SW	4	c	3	o	66	59	*	-
4	Corunna	30.10	66	SSW	4	bc		30.22	+ .23	58	51	- 1	SSW	3	o	2	bc	70	54	*	-
"	P. Delgada	30.03	64	SSW	5	o		29.93	- .16	63	60	+ 1	SSW	5	o	5	o	68	61	*	0.08
5	Corunna	30.21	60	SW	1	o		30.22	.00	50	48	- 8	SW	1	bc	3	o	?	46	*	-
"	P. Delgada	29.81	59	L	0	c		29.83	- .10	61	58	- 2	NNE	4	c	3	c	66	57	*	1.14
6	Corunna	30.16	63	N	4	b		30.13	- .09	56	52	+ 6	NE	1	c	2	b	63	50	*	-
"	Lisbon	29.99	70	N	5	b		29.99	- .08	72	61	+ 7	NNE	4	b	*	b	81	65	*	-
"	P. Delgada	29.96	62	NE	4	bc		30.01	+ .18	63	60	+ 2	NE	2	c	2	bc	66	59	*	-
"	Jersey	-	-	-	-	-		30.10	- .09	54	50	- 2	WSW	4	om	3	c, om	61	51	4.3	-
7	Jersey	29.92	54	WSW	5	ogmr		29.75	- .35	53	50	- 1	W	5	c	4	c, ogmr	58	49	1.0	0.36
"	Corunna	30.05	63	?	4	b		30.06	- .07	57	54	+ 1	N	1	f	2	b	64	54	*	-
"	P. Delgada	30.09	60	NE	3	bc		30.08	+ .07	62	56	- 1	NE	3	c	2	bc	68	59	*	-
8	Jersey	29.70	55	WNW	7	b		29.74	- .01	53	50	0	WNW	4	c	3	c, pq	57	51	6.2	0.23
"	Newton Reigny	29.58	48	NW	2	c		29.69	+ .20	47	45	- 1	NNE	3	og	*	eg, om	51	45	3.8	-
9	Jersey	29.76	54	NTV	4	cg		29.73	- .01	55	52	+ 2	ENE	3	o	4	p, c	56	49	4.8	0.10
"	Corunna	30.04	59	N	1	b		29.90	?	55	52	?	NNW	c	f	3	b	?	50	*	-
"	Lisbon	29.87	60	NNW	5	b		29.97	- .07	61	55	- 7	NNW	4	b	*	b	75	57	*	-
10	Jersey	29.79	55	NNE	4	bm		29.97	+ .14	53	48	- 2	NE	3	o	3	og, cm	58	49	6.4	-
"	Corunna	29.85	57	NNW	3	o		29.89	- .01	65	52	0	N	1	o	3	o	61	50	*	0.12
"	Lisbon	29.75	60	WNW	4	o		29.88	+ .01	66	62	+ 5	NNW	4	o	*	o	66	54	*	0.04
11	Jersey	29.94	56	NNW	3	ogm		29.85	- .02	53	50	0	SW	3	o	3	c, ogm	59	45	7.8	0.01
"	Corunna	29.93	58	WNW	5	bc		29.95	+ .06	50	48	- 5	NNW	1	bc	3	bc	61	46	*	0.08
"	Lisbon	29.95	56	NNW	5	b		29.99	+ .11	60	54	- 6	NNW	4	o	*	b	63	55	*	-
"	P. Delgada	30.24	61	NNW	4	b		30.15	- .12	64	62	- 1	W	4	c	2	b	70	59	*	-
12	Corunna	29.82	59	SSW	3	o		29.63	- .32	59	55	+ 3	WSW	4	o	5	o	63	50	*	-
"	Lisbon	29.87	61	NNW	5	b		29.87	- .12	61	55	+ 1	NNW	4	b	*	b	75	58	*	-
"	P. Delgada	30.14	65	W	4	b		30.14	- .01	64	62	0	N	1	o	2	b	70	61	*	-
13	Corunna	29.86	61	W	4	b		30.06	+ .43	54	52	- 5	W	3	o	5	b	63	50	*	0.02
"	P. Delgada	30.25	62	NNE	3	b		30.27	+ .13	64	60	0	E	1	b	1	b	71	59	*	-
14	Corunna	30.13	59	WNW	3	b		30.22	+ .16	52	50	- 2	SW	3	b	?	b	?	?	*	?
15	Newton Reigny	29.65	52	WNW	1	o		29.67	.00	49	48	- 3	WSW	1	rgm	*	bc, om	57	46	7.4	0.05
16	Corunna	30.16	58	NW	3	b		30.14	+ .04	53	50	- 2	NW	3	o	2	b	59	49	*	-
17	Corunna	30.09	60	WNW	3	o		30.13	- .01	59	57	+ 6	W	3	f	3	o	63	53	*	-
"	P. Delgada	30.08	65	SSW	4	o		30.07	-	64	61	-	W	3	o	3	o	72	61	*	0.08
18	Corunna	30.21	63	W	3	bc		30.08	- .05	64	61	+ 5	W	1	o	2	bc	64	59	*	-
"	Lisbon	30.09	63	NNW	4	bc		30.03	- .08	69	61	+ 2	N	3	b	*	b	77	59	*	-
"	P. Delgada	30.01	66	SSW	5	m		29.93	- .14	65	64	+ 1	SW	5	m	5	m	70	64	*	0.04
19	Lisbon	29.97	60	WNW	3	bc		29.87	- .16	61	60	- 8	SSW	5	r	*	bc	75	60	*	-
"	P. Delgada	30.00	64	WSW	3	o		29.89	- .04	65	64	0	WSW	5	m	5	o	68	63	*	0.08
20	Corunna	29.69	66	SW	3	b		29.74	-	59	55	-	SW	3	r	3	b	68	54	*	0.12
"	Lisbon	29.93	61	SSW	4	o		29.95	+ .08	61	60	0	S	4	r	*	o	64	61	*	0.55
"	P. Delgada	29.92	65	WNW	4	m		29.93	+ .04	65	65	0	W	3	m	4	m	70	64	*	0.04
21	Corunna	29.88	64	WNW	4	bc		30.09	+ .35	59	55	0	W	2	b	3	bc	70	54	*	-
22	Newton Reigny	29.93	58	NW	1	o		30.05	+ .24	57	55	+ 5	SE	3	og	*	om	61	45	0.2	-
23	Corunna	30.20	63	WNW	3	o		30.17	-	61	59	-	WNW	1	m	3	o	64	57	*	-
"	Lisbon	30.12	66	NNW	4	b		30.11	+ .01	69	63	+ 2	NE	1	b	*	b	77	61	*	-
"	P. Delgada	29.90	66	SSW	5	m		29.88	- .16	66	63	+ 1	WSW	4	m	6	m	72	64	*	0.32
24	Corunna	30.11	73	WNW	1	b		30.08	- .09	64	62	+ 3	W	1	f	3	b	31	59	*	-
"	Lisbon	30.07	71	NW	2	b		30.05	- .06	72	66	+ 3	ENE	3	b	*	b	82	66	*	-
"	P. Delgada	29.99	63	WNW	4	bc		29.98	+ .10	65	60	- 1	WSW	4	bc	4	bc	70	61	*	-

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